

AD693118

FAA
catalog
OF
TECHNICAL
REPORTS

INFORMATION RETRIEVAL BULLETIN

CALENDAR YEAR 1968 ACCESSIONS
NUMBERS 68 00001 68 01534

Volume 1: Master Index
Author Index

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Reproduced by the
CLEARINGHOUSE
for Federal Scientific & Technical
Information Springfield Va. 22161

**Best
Available
Copy**

P R E F A C E

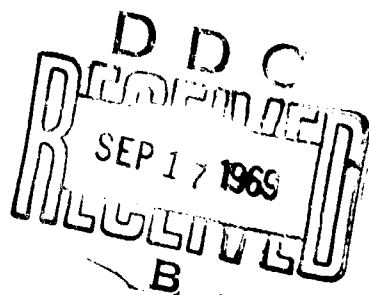
The FAA Catalogs of Technical Reports for 1968 provide indexes of reports selected by and indexed for the Federal Aviation Administration during 1968. FAA Accession Numbers 68 00001 - 68 01534 are included. Five indexes--master or accession number, subject, report and contract number, author and corporate source, and series title--are prepared by computer programs developed in the Office of Management Systems (MS-110). Indexing was provided on contract by Jonker Corporation.

Availability of FAA Indexed Documents

- a. Loan copies of the reports listed in the FAA Catalogs are available to FAA personnel through the local FAA libraries, citing the FAA accession number. A list of the precise routing symbols and addresses for all libraries follows this preface.
- b. Reports bearing an AD, N, or PB number may be purchased from the Clearinghouse for Federal Scientific and Technical Information, 5285 Port Royal Road, Springfield, Virginia 22151, for \$3 for hard copy, 65¢ for microfiche. Reports not available from the Clearinghouse are available on microfilm in the FAA libraries.

Sample Citation

FAA ACCESSION NUMBER	→ 68 00072		FAA NATIONAL SYSTEM DOCUMENT
SUBJECT CATEGORY	→ 10-D		NAT U ← SECURITY CLASSIFICATION
	NEWTON, M. M. STAHMANN, J. R. ROBB, J. D.	—	AUTHORS
CORPORATE SOURCE	{ FEDERAL AVIATION ADMINISTRATION, AIRCRAFT DEVELOPMENT SERVICE, WASHINGTON, D. C.		
TITLE	{ EXPERIMENTAL STUDY OF TRIGGERED NATURAL LIGHTNING DISCHARGES. # FINAL REPORT. GENERAL DISTRIBUTION	←	AVAILABILITY STATEMENT
PUBLICATION DATE	→ MARCH 1967, 46 P, ILLUS, TABLES		
CONTRACT NUMBER	→ FA66NF-156		
	PROJ-520-002-03X	←	PROJECT NUMBER
REPORT NUMBER	→ DS-67-3		
	AD-661 827	←	OTHER ACCESSION NUMBERS
SUBJECTS	{ LIGHTNING MEASURING DEVICES (ELECTRICAL AND ELECTRONIC) ELECTRIC DISCHARGES		



List of FAA Libraries

HEADQUARTERS LIBRARY

Federal Aviation Administration
Library Services Division, HQ-600
800 Independence Avenue, S.W.
Washington, D. C. 20590

AERONAUTICAL CENTER LIBRARY

Federal Aviation Administration
Library Branch, AC-920
P.O. Box 25082
Oklahoma City, Oklahoma 73125

NAFEC LIBRARY

National Aviation Facilities
Experimental Center
NAFEC Library, NA-41
Atlantic City, New Jersey 08405

ALASKAN REGION LIBRARY

Federal Aviation Administration
Library Branch, AL-44
632 Sixth Avenue
Anchorage, Alaska 99501

CENTRAL REGION LIBRARY

Federal Aviation Administration
Library Services Section, CE-42.4
601 E. 12th Street
Kansas City, Missouri 64106

EASTERN REGION LIBRARY

Federal Aviation Administration
Library Branch, EA-49
JFK International Airport
New York, New York 11430

PACIFIC REGION LIBRARY

Federal Aviation Administration
Library Branch, PC-44
P.O. Box 4009
Honolulu, Hawaii 96812

SOUTHERN REGION LIBRARY

Federal Aviation Administration
Library Branch, SO-41
P.O. Box 20636
Atlanta, Georgia 30320

SOUTHWEST REGION LIBRARY

Federal Aviation Administration
Library Section, SW-46.1
P.O. Box 1689
Fort Worth, Texas 76101

WESTERN REGION LIBRARY

Federal Aviation Administration
Library Section, WE-41.3
5651 West Manchester Avenue
P.O. Box 90007
Los Angeles, California 90009

The FAA Catalogs of Technical Reports are produced by the systems technology developed for the information retrieval system. This technology will be used in producing many of the other information retrieval services referenced in Order 1750.7, dated 7/25/67, which provided for the design, development, and management of an integrated system for the storage and retrieval of scientific, technical, and administrative reference information. The Office of Management Systems trusts that the products of this system will be useful to FAA libraries and to all agency personnel.

A handwritten signature in dark ink, appearing to read 'S. E. Blum', with a stylized, cursive script.

S. E. BLUM
Director of Management Systems

PART 1: MASTER INDEX

68 00001 NAT U
07-C
MURNYAK, S. J.
DUNKER-RAND CORP., CANOGA PARK, CALIF.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
EFFECTIVENESS OF DISPLAY SUBSYSTEM
MEASUREMENT AND PREDICTION TECHNIQUES.#
NO FOREIGN
SEP 1967, 172 P, ILLUS, TABLES, 62 REFS
AF30/6027-4020
PROJ-5519
RADU-TR-67-292
AD-821 142
EFFECTIVENESS
DISPLAY SYSTEMS
MEASUREMENT
TECHNIQUES
LOSS
PERSONNEL
STANDARDS
RELIABILITY
MAINTAINABILITY
SAFETY
SYSTEMS ENGINEERING

68 00002 NAT U
06-A
ALKER, D.
ANDERSON LABS., INC.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
RF SUB-MINIATURE DELAY LINE.# FINAL
REPORT.
NO FOREIGN
SEP 1967, 24 P, ILLUS
AF30/6027-4367
PROJ-5556
RADU-TR-67-388
AD-821 229
DELAY LINES
BANDWIDTH
GAIN
ELECTRICAL IMPEDANCE
TEMPERATURE
WEIGHT
MODEL TESTS
QUARTZ
TRANSPONDERS

68 00003 NAT U
06-E
KAGAN, B. M.
TER-MIKHAELIAN, Y. M.
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
SOLVING ENGINEERING PROBLEMS BY DIGITAL
COMPUTER.#
GENERAL DISTRIBUTION
MAR 1966, 628 P, ILLUS, TABLES
FTD-IT-65-1148
AD-637 061
ENGINEERING
DECISION MAKING
DIGITAL COMPUTERS
EQUATIONS
AUTOMATIC
FLIGHT CONTROL SYSTEMS
STABILIZATION SYSTEMS
MONTE CARLO METHOD
LINEAR PROGRAMMING
DATA PROCESSING SYSTEMS
THEORY
PROGRAMMING /COMPUTERS/

68 00004 NAT U
07-G
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
HOW TO APPLY FOR ADMISSION TO A CIVIL
AVIATION SCHOOL.#
GENERAL DISTRIBUTION
FEB 1967, 5 P
FTD-HT-67-141
AD-660 441
CIVIL AVIATION
EDUCATION
TRAINING
AVIATION PERSONNEL
FLIGHT CREWS
PILOTS
NAVIGATORS
AIR TRAFFIC CONTROLLERS
ENGINEERING

68 00005 NAT U
02-E
COPELAND, K. L.
AIR FORCE INST. OF TECH., WRIGHT-PATTERSON
AFB, OHIO.
PERFORMANCE EVALUATION AND IMPROVEMENT FOR
AN AIRCRAFT FLIGHT CONTROL SYSTEM IN WHICH SEL
ORGANIZING CONTROL TECHNIQUES ARE USED.#
GENERAL DISTRIBUTION
JUL 1966, 136 P, ILLUS, TABLES
AD-821 238
FLIGHT CONTROL SYSTEMS
AIRFRAMES
FLEXIBLE STRUCTURES
SIMULATION
SELF ORGANIZATION

68 00006 NAT U
09-A
BRATT, B. E.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
COWL SEAL TEST - PHASE II-C.#
GENERAL DISTRIBUTION
DEC 1966, 18 P, ILLUS
LAC-20384
AD-815 165L
SEALS /STOPPERS/
PRESSURE
SIMULATION
TEST METHODS
ENVIRONMENTAL TESTS
HEAT-RESISTANT MATERIALS

68 00007 NAT U
13-C
LIV'YANT, Y. A.
TIKHONCHUK, Y. N.
ERLIK, M. D.
ARMY MATERIEL COMMAND, FOREIGN SCIENCE AND
TECHNOLOGY CENTER, WASHINGTON, D. C.
HAULING FREIGHT IN CONTAINERS AND
PACKAGES.#
GOVERNMENT AGENCIES ONLY
AUG 1967, 77 P, ILLUS, TABLES
FSTC-HT-23-29-67
AD-820 472
CARGO
TRANSPORTATION
CONTAINERS
THEORY
RAILROADS
CARGO VEHICLES
SHIPS /NONMILITARY/
USSR

68 00008 NAT U
 06-C
 SKAMILL, G. E.
 SAIKE, W. L., JR.
 AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 REFLECTOR ANTENNA ZOOM TECHNIQUES.#
 NO FOREIGN
 SEP 1967, 110 P, ILLUS, 6 REFS
 AF30/602/-4179
 NAUC-TR-67-439
 AD-821 090
 ANTENNAS
 REFLECTIONS
 TECHNIQUES
 COMPUTERS
 PHASE SHIFTERS
 ULTRA HIGH FREQUENCY
 ANTENNA CONFIGURATIONS

68 00009 NAT U
 07-C
 LALLY, K.
 MAXIMAN-HUYCK SYSTEMS CO. HUNTINGTON STATION,
 LONG ISLAND, N. Y.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 MULTICOLOR EL DISPLAY DEVELOPMENT.#
 NO FOREIGN
 AUG 1967, 62 P, ILLUS, TABLES
 AF30/602/-4157
 NAUC-TR-67-90
 AD-820 774L
 DISPLAY SYSTEMS
 DESIGN
 ELECTROLUMINESCENCE
 DESIGN
 COLORS
 OPTICS
 PHOSPHORESCENCE

68 00010 NAT U
 06-D
 SCHNABEL, G. L.
 KEIN, R. S.
 LUEVENSTERN, L. M.
 PHILCO-FORD CORP., BLUE DELL, PA.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 STUDY OF CONTACT FAILURES IN INTEGRATED
 CIRCUITS.#
 NO FOREIGN
 SEP 1967, 238 P, ILLUS, TABLES, 245 REFS
 AF30/602/-4034
 NAUC-TR-67-331
 AD-820 554
 FAILURE /MECHANICS/
 INTEGRATED CIRCUITS
 METALLURGY
 RELIABILITY
 THIN FILMS /STORAGE DEVICES/
 CHEMICAL REACTIONS
 SURFACE PROPERTIES
 DEGRADATION

68 00011 NAT U
 06-A
 VAN DE VAAKT, H.
 SPERRY RAND CORP. SPERRY RAND RESEARCH
 CENTER, BODDURY, MASS.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 INTEGRATED SOLID STATE TIME DELAY
 AMPLIFIER.#
 NO FOREIGN
 SEP 1967, 26 P, ILLUS, 1 REF
 F30602-67-C-10106
 NAUC-TR-67-429
 AD-820 358
 AMPLIFIERS
 DELAY
 TIME
 MICROWAVE FREQUENCY
 SIGNALS
 MAGNETOELASTIC WAVES

68 00012 NAT U
 06-A
 HUMANUS, J. W.
 HOKNE, D. K.
 SPERRY MICROWAVE ELECTRONICS CO.,
 CLEARWATER, FLA.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 REAL TIME DIGITAL PHASE SHIFTERS UTILIZING
 4-PORT SINGLE-JUNCTION LATCHING CIRCULATORS.#
 NO FOREIGN
 AUG 1967, 107 P, ILLUS, TABLES, 9 REFS
 AF30/602/-4024
 NAUC-TR-67-360
 AD-820 359
 PHASE SHIFTERS
 THEORY
 ELECTRONIC EQUIPMENT
 OPERATION
 EFFECTIVENESS
 MEASUREMENT

68 00013 NAT U
 06-J
 GRACE, V. K., CAPT.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 MICROWAVE PHASE MEASUREMENTS ON THE ACTIVE
 SWEEP FREQUENCY INTERFEROMETER RADAR SYSTEM.#
 NO FOREIGN
 AUG 1967, 68 P, ILLUS, 22 REFS
 NAUC-TR-67-305
 AD-820 391
 MICROWAVE COMMUNICATIONS SYSTEMS
 PHASE MEASUREMENT
 RADAR EQUIPMENT
 INTERFEROMETERS
 PHASE DETECTORS
 PHASE DISTORTION

68 00014 NAT U
 06-A
 ALBRECHT, B., JR.
 TRG, INC., MELVILLE, N. Y.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 ELECTRONICALLY TUNABLE PARAMETRIC
 UP-CONVERTER.#
 NO FOREIGN
 SEP 1967, 62 P, ILLUS
 AF30/602/-3768
 NAUC-TR-67-277
 AD-820 670
 TUNED AMPLIFIERS
 PARAMETRIC AMPLIFIERS
 CRYOGENICS
 MICROWAVE AMPLIFIERS

68 00015 NAT U
08-D
SUSSKIND, I.
ROEHM, P.
STAMPLER, L.
RADIO CORP. OF AMERICA, CAMDEN, N. J.
HOME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
INTEGRATED CIRCUIT AND MESSAGE SWITCH.#
NO FOREIGN
SEP 1967, 166 P, ILLUS
AF30/6027-4009
RADC-TR-67-246
AD-R20 677
INTEGRATED CIRCUITS
SWITCHING CIRCUITS

68 00016 NAT U
09-A
GLASSER, J.
STURFER, W. M.
GUENTHER, W. A.
ALVEY, V. W.
STAHR, G. A.
TUTTLE, W. D.
AIR FORCE MATERIALS LAB. MANUFACTURING
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
BASIC SHAPES FOR AEROSPACE STRUCTURES.#
PHASE II SUPPLEMENT. UTILIZATION POTENTIAL.
NO FOREIGN
AUG 1967, 56 P, ILLUS, TABLES
AD-R21 805
STRUCTURAL PARTS
SPACE TECHNOLOGY
ECONOMICS
AERODYNAMIC CONFIGURATIONS

68 00017 NAT U
11-D
GENERAL ELECTRIC CO. FLIGHT PROPULSION LAB.
DEPT., CINCINNATI.
FLIGHTWORTHINESS AND RELIABILITY SUMMARY
REPORT.#
GENERAL DISTRIBUTION
AUG 1965, 176 P, ILLUS, TABLES
GE-R162
AIRWORTHINESS
RELIABILITY
OPERATION
EFFECTIVENESS
DESIGN
CONSTRUCTION
PROPULSION
AIRCRAFT EQUIPMENT
RESEARCH PLANES
XV-SA AIRCRAFT

68 00018 NAT U
06-G
GENERAL ELECTRIC CO. DIRECT ENERGY CONVERSION
OPERATION, LYNN, MASS.
VOLTAGE REGULATION AND CONVERSION IN
UNCONVENTIONAL ELECTRICAL GENERATOR SYSTEMS.#
NO FOREIGN
DEC 1966, 255 P, ILLUS, TABLES, 15 REFS
NOMOS-0527-D
TIS60DE6
AD-R20 671
ELECTRIC POWER PRODUCTION
ELECTRIC POTENTIAL
CONTROL
DIRECT CURRENT
ALTERNATING CURRENT
MICROMINIATURIZATION /ELECTRONICS/
CIRCUITS
DESIGN
ELECTRICAL PROPERTIES

68 00019 NAT U
02-N
LOCKHEED-GEORGIA CO., MARIETTA, GA.
DETAIL SPECIFICATION FOR THE LOCKHEED
HERCULES LONG RANGE CARGO AND TROOP CARRIER
TRANSPORT.#
GENERAL DISTRIBUTION
AUG 1967, 135 P, ILLUS
AD-R20 694
JET TRANSPORT PLANES
MILITARY AIRCRAFT
SPECIFICATIONS
AERODYNAMICS
AIRFRAMES
LANDING AIDS
FLIGHT CONTROL SYSTEMS
ENGINE NOZZLES
STABILIZATION SYSTEMS
FUSELAGE
PROPULSION
FLIGHT INSTRUMENTS
AUXILIARY POWER PLANTS
ELECTRICAL EQUIPMENT
ELECTRONIC EQUIPMENT
C-120E AIRCRAFT
AIRCRAFT SYSTEMS

68 00020 NAT U
12-G
HICKS, R. M.
MENDOZA, J. P.
HUNTON, L. W.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
SOME EFFECTS OF MACH NUMBER AND
GEOMETRY ON SONIC BOOM.#
GENERAL DISTRIBUTION
OCT 1967, 10 P, ILLUS, 6 REFS
NASA-TN-D-4214
N67-30327
MACH NUMBER
SONIC BOOM
GEOMETRY
OVERFLIGHT
PRESSURE
THEORY
WIND TUNNELS
AIRPLANE MODELS
HYPERSONIC FLOW
CONICAL BODIES
X-15 AIRCRAFT

68 00021 NAT U
02-K
DODGE, R. N.
ORNE, D.
CLARK, S. K.
MICHIGAN UNIV., ANN ARBOR.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, WASHINGTON, D. C.
FORE-AND-AFT STIFFNESS CHARACTERISTICS
OF PNEUMATIC TIRES.#
GENERAL DISTRIBUTION
OCT 1967, 34 P, ILLUS, TABLES, 7 REFS
NASA-CR-900
NASA-TN-6
N67-30534
AIRCRAFT TIRES
PNEUMATIC SYSTEMS
MECHANICAL PROPERTIES
DEFORMATION
LOADING /MECHANICS/
VIBRATION
ELASTICITY
MODEL TESTS
MATHEMATICAL PREDICTION

6A 00022 NAT U
01-F
KROUGAN, F.
LEHIGH UNIV., BETHLEHEM, PA.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, WASHINGTON, D. C.
CRACK PROPAGATION THEORIES.#
GENERAL DISTRIBUTION
OCT 1967, 166 P, TABLES, 133 REFS
NASA-CR-401
N67-39069
FRACTURE /MECHANICS/
THEORY
THERMODYNAMICS
PROPAGATION
ENERGY
STRAIN /MECHANICS/
FATIGUE /MECHANICS/
MODEL TESTS

6A 00023 NAT U
07-A
HARTMILL, K. P.
BRIDGE, G.
GENERAL RESEARCH CORP., SANTA
BARBARA, CALIF.
PROJECT ECHO.#
GENERAL DISTRIBUTION
JUN 1967, 106 P, TABLES, 5 REFS
HARCON-67C-0040
CR-0040-1
AD-657 613
THEORY
ANTHROPOLOGY
ORITULOLOGY
COMMUNICATION THEORY
ATTITUDES
BEHAVIOR
PSYCHOLOGY
PROJECTIVE TECHNIQUES
PROJECT ECHO
METHODOLOGY

6A 00024 NAT U
06-A
IRVING, I. B.
SMITH, C. D.
JOHNS HOPKINS UNIV., SILVER SPRING, MD.
APPLIED PHYSICS LAB.
PRELIMINARY RESULTS OF THERMAL SHOCK
TESTS ON PRINTED WIRING.#
GENERAL DISTRIBUTION
JUL 1967, 6 P
APL/JHU-CF-2063
AD-658 114
PRINTED CIRCUITS
THERMAL STRESSES
LOW-TEMPERATURE RESEARCH
HIGH-TEMPERATURE RESEARCH

6A 00025 NAT U
11
GREENBERG, I. B.
JOHNS HOPKINS UNIV., SILVER SPRING, MD.
APPLIED PHYSICS LAB.
THE TRANSIT DOPPLER TRACKING
STATION DIGITAL SYSTEM.#
A SUMMARY
GENERAL DISTRIBUTION
DEC 1967, 4 P, FIGS
N68-7106
APL-CF-2405
AD-658 375
DOPPLER SYSTEM
TRACKING
NAVIGATION SATELLITES
IONOSPHERE
REFRACTION
DOPPLER NAVIGATION
RADIO WAVES
RADIO TRANSMIT

6A 00026 NAT U
05-B
JAHNS, J. B.
JOHNS HOPKINS UNIV., SILVER SPRING, MD.
APPLIED PHYSICS LAB.
NEGATIVE FEEDBACK IN SINGLE STAGE
FUNCTION TRANSISTOR AMPLIFIERS.#
GENERAL DISTRIBUTION
MAY 1964, 24 P, FIGS
APL/JHU-CF-2215
AD-658 129
TRANSISTOR AMPLIFIERS
FEEDBACK
CIRCUITS
EQUATIONS
ELECTRICAL IMPEDANCE
ELECTRIC POTENTIAL
ELECTRIC CURRENTS
GAIN

6A 00027 NAT U
06-F
SCHWARTZ, J. M.
INSTITUTE FOR DEFENSE ANALYSES,
WASHINGTON, D. C.
NETWORK TIMING FOR COMMUNICATION
SATELLITES.#
GENERAL DISTRIBUTION
NOV 1964, 13 P, FIGS
IDA/HQ-64-115X
AD-456 159
NETWORKS
DESIGN
SCHEDULING
TIMING DEVICES
OPERATION
EFFECTIVENESS
SYNCHRONIZATION ELECTRONICS
TRANSMITTER-RECEIVERS
SIGNALS
COMMUNICATION SATELLITES /ACTIVE/

6A 00028 NAT U
11
MUTCHESON, J. M.
RAND CORP., SANTA MONICA, CALIF.
ERROR SENSITIVITY ASSOCIATED WITH
ORBITAL HYPERBOLIC-NAVIGATION SCHEMES AND A
SUGGESTED APPROACH FOR IMPROVEMENT.#
GENERAL DISTRIBUTION
JUL 1967, 38 P, FIGS, REFS
AD-657 751
HYPERBOLIC NAVIGATION
LORAN
NAVIGATION SATELLITES
SENSITIVITY
ERRORS
GEOMETRY
TRACKING
DOPPLER RADAR

6A 00029 NAT U
06-J
BREMEN, L. J.
REED, I. S.
RAND CORP., SANTA MONICA, CALIF.
OPTIMUM PROCESSING OF UNEQUALLY SPACED
RADAR PULSE TRAINS FOR CLUTTER REJECTION.#
GENERAL DISTRIBUTION
AUG 1967, 11 P, 7 REFS
P-3657
AD-657 755
RADAR PULSES
RADAR CLUTTER
RADAR TARGETS
SIGNAL-TO-NOISE RATIO
MOVING-TARGET INDICATORS
FILTERS /ELECTROMAGNETIC WAVES/
SUPPRESSORS
DOPPLER RADAR

68 00030 NAT U
06-E
MURATA, M.
FURUKAWA ELECTRIC CO., TOKYO, JAPAN.
UHF TRANSMISSION LINE CAPABLE OF
CONTINUOUS RADIATION ALONG ITS AXIS.
GENERAL DISTRIBUTION
NOV 1962, 20 P, ILLUS, REFS
AD-657 429
ULTRAHIGH FREQUENCY
WAVE TRANSMISSION
ELECTROMAGNETIC WAVES
CONSTRUCTION
SLOT ANTENNAS
COAXIAL CABLES
EQUATIONS
COMMUNICATION SYSTEMS
RAILROADS
TRANSMISSION LINES

68 00031 NAT U
10-A
MCINTOSH, B. A.
DOUGLAS, J. A. V.
CANADA, NATIONAL RESEARCH COUNCIL, OTTAWA.
THE FIREBALL OF APRIL 25, 1966.
I, CANADIAN VISUAL OBSERVATIONS.
REPRINT.
GENERAL DISTRIBUTION
APR 1967, 10 P, ILLUS, TABLES, REFS
AMC-9595
AD-657 734
METEORITES
METEOROLOGICAL PHENOMENA
COLORS
LUMINESCENCE
TRAJECTORIES
FIREBALL

68 00032 NAT U
10-A
MCINTOSH, B. A.
CANADA, NATIONAL RESEARCH COUNCIL, OTTAWA.
PATH OF THE FIREBALL OF JUNE 14, 1967.
GENERAL DISTRIBUTION
JUN 1967, 2 P, REFS
NRC-9681
AD-657 705
METEOROLOGICAL PHENOMENA
METEOROLOGICAL RADAR
METEORITES
FIREBALL

68 00033 NAT U
06-A
SMITHMAN, W. E.
ARMY, CORPS OF ENGINEERS, WASHINGTON, D. C.
ARMY PARTICIPATION IN PROJECT
VANGUARD.
GENERAL DISTRIBUTION
MAY 1959, 16 P
AD-657 592
ARMY
MAINTENANCE
OPERATION
TRACKING
SITE SELECTION
MILITARY FACILITIES
CONSTRUCTION
SATELLITES, ARTIFICIAL/
PROJECT VANGUARD
WINTHROP

68 00034 NAT U
08-D
GOODMAN, A. F.
DOUGLAS AIRCRAFT CO., HUNTINGTON
BEACH, CALIF.
FLOW OF SCIENTIFIC AND TECHNICAL
INFORMATION/ THE RESULTS OF A RECENT
MAJOR INVESTIGATION.
GENERAL DISTRIBUTION
SEP 1967, 39 P, ILLUS, TABLES, REFS
DOUGLAS-P-4516
AD-657 558
INFORMATION RETRIEVAL
DATA PROCESSING SYSTEMS
DATA
ANALYSIS
REPORTS
SYSTEMS ENGINEERING
STINFO /SCIENTIFIC AND TECHNICAL INFORMATION/
FLOW PROCESS
DATA ACQUISITION

68 00035 NAT U
06-A
PLANTZ, V. C.
BRUSH, D. R.
BOEING CO, AIRPLANE DIV., RENTON, WASH.
FEASIBILITY STUDY OF SHIELDING
TECHNIQUES.
FINAL REPORT. 1 JUNE 1963
TO 30 NOVEMBER 1964.
OFFICIAL USE ONLY
JUL 1965, 189 P, ILLUS, TABLES
DA36-039-AMC-023089E0
SCL-7681
AD-466 293
FEASIBILITY STUDIES
ELECTROMAGNETIC SHIELDING
TECHNIQUES
THEORY
DESIGN
EFFECTIVENESS
TEST METHODS
MATERIALS
SURFACE PROPERTIES

68 00036 NAT U
06-E
TIGHER, J. R.
BOLES, W. A., JR.
BUREAU OF SPORT FISHERIES AND WILDLIFE,
DENVER WILDLIFE RESEARCH CENTER,
DENVER, COLO.
INVESTIGATION OF METHODS TO REDUCE ANIMAL
DAMAGE TO WIRE AND CABLE.
GENERAL DISTRIBUTION
REDUCTION
ANIMALS
COATINGS
ELECTRIC WIRE
COAXIAL CABLES
COMMUNICATION EQUIPMENT
PLASTICS
DAMAGE
ELECTRIC CURRENT
SOIL MANIPULATION
METHODOLOGY
REPELLANTS

68 00037 NAT U
12-G
BLUME /JOHN A./ AND ASSOCIATES. RESEARCH
DIV., SAN FRANCISCO.
THE EFFECTS OF SONIC BOOM ON STRUCTURAL
BEHAVIOR. # FINAL REPORT. A SUPPLEMENTARY
ANALYSIS REPORT.
GENERAL DISTRIBUTION
OCT 1965, 192 P, ILLUS, TABLES, 4 REFS
FA-55-65-12
SST-R-65-18
AD-475 662
SONIC BOOM
AIRFRAMES
RESPONSE
DAMAGE
STATISTICAL ANALYSIS
MATHEMATICAL PREDICTION
TEST FACILITIES
SHOCK WAVES
INTENSITY

68 00038 NAT U
07-A
GRIGGS, T.
RULON, P. J.
EDUCATIONAL RESEARCH CORP., CAMBRIDGE, MASS.
INTERNATIONAL LANGUAGE FOR AVIATION
INSTRUMENT FLIGHT. #
GENERAL DISTRIBUTION
JAN 1953, 173 P, ILLUS
CAA-29581
INSTRUMENT FLIGHT
TRANSOCEANIC
LANGUAGE
STANDARDIZATION
CODING
THEORY
VOCABULARY
ILA /INTERNATIONAL LANGUAGE FOR AVIATION/

68 00039 NAT U
06-B
O'NEILL, J. F.
NEW YORK UNIV., NEW YORK. SCHOOL OF
ENGINEERING SCIENCES. DEPT. OF ELECTRICAL
ENGINEERING.
ACTIVE RC DELAY NETWORKS USING
OPERATIONAL AMPLIFIERS. #
GENERAL DISTRIBUTION
MAY 1967, 23 P, 8 REFS
AF19/628/-5537
PRUJ-5628-06
AFCR1-67-0333
TR-400-159
AD-650 020
AMPLIFIERS
NETWORKS
DELAY
RESISTORS
CAPACITORS
RESONATORS

68 00040 NAT U
09-C
SCOTT, J. N.
LEVETT, C. T.
LESLIE, C. F.
HOGAN, J. P.
PHILLIPS PETROLEUM CO. RESEARCH DIV.,
BARTLESVILLE, OKLA.
TAILORING OF HIGH DENSITY POLYETHYLENE FOR
HIGH SPEED WIRE COATING. #
GENERAL DISTRIBUTION
DEC 1965, 5 P, BIBS
AD-479 567
POLYETHYLENE PLASTICS
ELECTRIC WIRE
COATINGS
ELECTRIC INSULATION
VELOCITY
DENSITY
MECHANICAL PROPERTIES

68 00041 NAT U
06-E
CUMMINGS, A. ..
KUEFTNER, H.
ROBERTSON, GERMESHAUSEN AND GRIER, INC.,
LAS VEGAS, NEV.
HITEMP WIRES CO.,
WESTBURY, N. Y.
SUPERCONDUCTING HIGH VOLTAGE DELAY
LINE. #
GENERAL DISTRIBUTION
DEC 1965, 24 P, ILLUS, REFS
AD-479 570
ELECTRIC WIRE
ELECTRIC INSULATION
CONTROL
CAPACITANCE
POLYETHYLENE PLASTICS
CLAY LINE

68 00043 NAT U
06-A
SWAN, H. S.
DAVIS, J. M.
GENERAL ELECTRIC CO. APOLLO SUPPORT
DEPT., DAYTONA BEACH, FLA.
PROBLEMS WITH ELECTRICAL CONNECTORS
AND INSULATED WIRE IN THE AEROSPACE
INDUSTRY. #
GENERAL DISTRIBUTION
DEC 1965, 10 P, TABLES
ASD-QA-09-65-5
AD-479 566
ELECTRIC CONNECTORS
ELECTRIC WIRE
MALFUNCTIONS
SPACE TECHNOLOGY
INDUSTRIES
ELECTRIC INSULATION

68 00044 NAT U
08-E
COX, C. D.
ARMY MISSILE COMMAND,
REDSTONE ARSENAL, ALA.
MAINTAINABILITY ENGINEERING GUIDE. #
GENERAL DISTRIBUTION
OCT 1965, 132 P, TABLES, BIBS
RC-S-65-2
AD-471 857
MAINTAINABILITY
HANDBOOKS
ARMY
WEAPON SYSTEMS
MANAGEMENT ENGINEERING
PROFESSIONAL PERSONNEL
THEORY
MATHEMATICAL ANALYSIS
DESIGN
TEST METHODS
STANDARDS

68 00045 NAT U
 06-B
 HOWELL, G. W.
 WEATHERS, T. M.
 AIR FORCE ROCKET PROPULSION LAB.,
 EDWARDS AFB, CALIF.
 AEROSPACE FLUID COMPONENT DESIGNERS
 HANDBOOK.# VOLUME I. REVISION B.
 GENERAL DISTRIBUTION
 MAR 1967, 450 P, ILLUS, TABLES, REFS
 AF04/611/-8385
 AF04/611/-11316
 PROJ-6753
 RPL-TRD-64-25
 DESIGN
 HANDBOOKS
 HEAT TRANSFER
 FLUID MECHANICS
 FLUIDS
 SEALS /STOPPERS/
 VALVES
 BEARINGS
 ACTUATORS
 VIBRATION
 SHOCK /MECHANICS/
 COMPUTERS
 STANDARDS
 CONTAMINATION
 RELIABILITY
 ENVIRONMENTAL TESTS
 CLEANING
 AEROSPACE CRAFT

68 00046 NAT U
 09-C
 GLASSER, J.
 GLASSER, W. J.
 CHEMICAL AND METALLURGICAL RESEARCH, INC.,
 CHATTANOOGA, TENN.
 AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
 AFB, OHIO.
 DIRECTORY OF GRAPHITE AVAILABILITY.#
 SECOND EDITION.
 NO FOREIGN
 AUG 1967, 345 P, ILLUS, 99 REFS
 AF33/615/-3430
 PROJ-7381
 AFML-TR-67-113
 AD-821 777
 GRAPHITE
 INDEXES
 MANUFACTURING METHODS
 LOGISTICS
 CHEMICAL PROPERTIES
 MECHANICAL PROPERTIES
 DIRECTORY

68 00047 NAT U
 06-M
 RYERSON, C. M.
 WEBSTER, S. L.
 ALBRIGHT, F. G.
 HUGHES AIRCRAFT CO., CULVER CITY, CALIF.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 RADC RELIABILITY.# VOLUME II.
 GENERAL DISTRIBUTION
 SEP 1967, 522 P, ILLUS, TABLES, 129 REFS
 AF30/602/-4072
 PROJ-5519
 RADC-TR-67-108, VOL-II
 AD-821 640
 RELIABILITY
 HANDBOOKS
 MATHEMATICAL MODELS
 FAILURE /MECHANICS/
 RESISTORS
 POTENTIOMETERS
 CAPACITORS
 ELECTRIC CONNECTORS
 RELAYS
 ELECTRONIC SWITCHES
 TRANSFORMERS
 AMPLIFIERS
 ROTATION
 ELECTRONIC EQUIPMENT
 ELECTRON TUBES
 SEMICONDUCTORS
 MICROMINIATURIZATION /ELECTRONICS/
 WIRE
 ELECTRIC CABLES

68 00048 NAT U
 06-M
 COTTRELL, D. F.
 GAGNIER, T. R.
 KIMBALL, E. W.
 BAUER, J. A.
 WAGNER, T. E.
 MARTIN-MARIETTA CORP. AERO SPACE DIV.,
 ORLANDO, FLA.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 DORMANT OPERATING AND STORAGE EFFECTS
 ON ELECTRONIC EQUIPMENT AND PART
 RELIABILITY.# FINAL REPORT.
 JUL 1967, 172 P, ILLUS, TABLES, 72 REFS
 AF30/602/-2772
 PROJ-5519
 TASKS-1902
 RADC-TR-67-307
 AD-821 988
 RELIABILITY
 ELECTRONIC EQUIPMENT
 STORAGE
 STRESSES
 FAILURE /MECHANICS/
 STATISTICAL ANALYSIS
 MATHEMATICAL MODELS

68 00049 NAT U
06-C
TAYLOR, R. C.
OHIO STATE UNIV., COLUMBUS. DEPT. OF
ELECTRICAL ENGINEERING.
ROME AIR DEVELOPMENT CENTER. AIR FORCE
SYSTEMS COMMAND, GRIFFISS AFB, N. Y.
A DESCRIPTION OF THE OSU X-BAND SATELLITE
COMMUNICATIONS ARRAY FACILITY.#
NO FOREIGN
SEP 1967, 48 P, ILLUS, 3 REFS
F30602-67-C-0119
PROJ-4519
RADG-TR-67-451
AD-821 657
X-BAND
ANTENNA CONFIGURATION
INSTALLATION
ANTENNA FEEDS
TRACKING
TRANSMITTER-RECEIVERS
SIGNALS
MODULATION
SERVO MECHANISM
EXCITATION
CONTROL
PARABOLIC ANTENNAS

68 00050 NAT U
02-N
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION. AMES RESEARCH CENTER,
MOFFETT FIELD, CALIF.
STUDY ON THE FEASIBILITY OF V/STOL
CONCEPTS FOR SHORT HAUL TRANSPORT AIRCRAFT.#
GENERAL DISTRIBUTION
OCT 1967, 170 P, ILLUS, REFS
NAS-2-3025
LR-19586
N67-38332
FEASIBILITY STUDIES
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
DESIGN
TRANSPORT PLANES
OPERATION
ECONOMICS
COMPUTERS
WEIGHT
EFFECTIVENESS
SHORT HAUL TRANSPORT

68 00051 NAT U
09-A
BAILEY, M. C.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION. LANGLEY RESEARCH
CENTER, LANGLEY STATION, HAMPTON, VA.
EFFECTS OF DIELECTRIC COVERS OVER CROSS
SLOTS IN A RECTANGULAR WAVEGUIDE.#
GENERAL DISTRIBUTION
OCT 1967, 45 P, ILLUS, REFS
NASA-TN-D-4194
N67-38060
WAVEGUIDE SLOTS
PROTECTIVE COVERINGS
SPACECRAFT

68 00052 NAT U
09-D
BUCKLEY, J. D.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION. LANGLEY RESEARCH CENTER,
LANGLEY STATION, HAMPTON, VA.
STATIC, SUBSONIC, AND SUPERSONIC
OXIDATION OF JET GRAPHITE COMPOSITES.#
GENERAL DISTRIBUTION
OCT 1967, 40 P, ILLUS, TABLES, 118 REFS
NASA-TN-D-4241
N67-39671
GRAPHITE
SUBSONIC FLIGHT
METALLOGRAPHY
SUPERSONIC FLIGHT
OXIDES
COATINGS
TENSILE PROPERTIES
COMPRESSIVE PROPERTIES
HEAT-RESISTANT MATERIALS
X-RAYS

*0989 00

68 00053 NAT U
12-B
KORDES, F. E.
LOV, B. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
FLIGHT RESEARCH CENTER, EDWARDS, CALIF.
PRELIMINARY EVALUATION OF XB-70
AIRPLANE ENCOUNTERS WITH HIGH-ALTITUDE
TURBULENCE.#
GENERAL DISTRIBUTION
OCT 1967, 21 P, ILLUS, TABLES, 12 REFS
NASA-TN-D-4209
N67-39719
HIGH ALTITUDE
RESEARCH PLANES
CLEAR AIR TURBULENCE
ACCELERATION
RESPONSE
FLIGHT TESTING
SUPERSONIC PLANES
SUPERSONIC FLIGHT
XB-70 AIRCRAFT

68 00054 NAT U
05-E
MCDONALD, R. T.
ROMAN, J.
NORTHROP CORP.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION. FLIGHT RESEARCH CENTER,
EDWARDS, CALIF.
DEVELOPMENT OF RESPIRATION-RATE
TRANSDUCERS FOR AIRCRAFT ENVIRONMENTS.#
GENERAL DISTRIBUTION
OCT 1967, 16 P, ILLUS
NASA-TN-D-4217
N67-39753
DESIGN
RESPIRATION
MEASURING DEVICES /ELECTRICAL AND ELEC
TRANSDUCERS
FLIGHT INSTRUMENTS
SENSING ELEMENTS
OXYGEN CONSUMPTION
PNEUMOTACHOMETER

68 00055 NAT U
09-A
EDWARDS, W. M.
GT. BRIT. MINISTRY OF TECHNOLOGY. DIRECTORATE
OF MATERIALS RESEARCH AND DEVELOPMENT CENTER,
LONDON.
PROCEEDINGS OF THE D. MAT. CONFERENCE
ON PROBLEMS IN SEALING AIRCRAFT FLUID
AND HYDRAULIC SYSTEMS.#
NO FOREIGN
MAY 1967, 87 P, ILLUS
D-MAT-R-142
AD-821 919
HYDRAULIC SYSTEMS
AVIATION FUELS
SEALS /STOPPERS/
RUBBER
HIGH-TEMPERATURE RESEARCH
STORAGE
LIFE EXPECTANCY
RUBBER SEALS

68 00056 NAT U
09-D
BRISTOL AERJET, LTD.
WESTLAND AIRCRAFT, LTD.
GT. BRIT. MINISTRY OF TECHNOLOGY. DIRECTORATE
OF MATERIALS RESEARCH AND DEVELOPMENT CENTER,
LONDON.
THE CHEMICAL CONTOURING OF 18 PER CENT
NICKEL MARAGING STEEL SHEET.#
NO FOREIGN
APR 1967, 17 P, ILLUS, 4 REFS
D-MAT-R-143
AD-821 995
STEEL
NICKEL
ALLOYS
CHEMICAL MILLING
ECONOMICS
FATIGUE /MECHANICS/
TENSILE PROPERTIES
HEAT TREATMENT
CHEMICAL ANALYSIS
MASKANTS
ETCHANTS

68 00057 NAT U
09-D
BOLER, R.
GT. BRIT. MINISTRY OF TECHNOLOGY. DIRECTORATE
OF MATERIALS RESEARCH AND DEVELOPMENT CENTER,
LONDON.
THE CHEMICAL CONTOURING OF CORROSION
RESISTING STEELS AND OF A NICKEL BASE
ALLOY.#
APR 1967, 20 P, ILLUS, REFS
D-MAT-R-144
AD-821 996
STAINLESS STEEL
ALLOYS
NICKEL
CHEMICAL MILLING
CORROSION INHIBITION

68 00058 NAT U
01-G
MITCHELL, C. G. B.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE CALCULATION OF AERODYNAMIC FORCES
AND PRESSURES ON WINGS ENTERING STEP
GUSTS.#
GENERAL DISTRIBUTION
MAR 1967, 20 P, TABLES, REFS
RAE-TR-67054
AD-820 180
AERODYNAMIC FORCES
PRESSURE
WINGS
OSCILLATION
INCOMPRESSIBLE FLOW
SIMILAR FLOW

68 00059 NAT U
01-C
TOWNEND, L. H.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
ON HYPERSONIC CRUISING AIRCRAFT
WHICH CAN HAVE ALL LEADING EDGES SHEPT.#
NO FOREIGN
FEB 1967, 30 P, ILLUS, TABLES, REFS
RAE-TR-67046
AD-816 376
HYPERSONIC PLANES
CRUISING
LEADING EDGE
COMPRESSIBLE FLOW
DESIGN
RAMJET INLETS
TWO DIMENSIONAL FLOW
ISENTHROPIC COMPRESSION

68 00060 NAT U
01-C
GUYETT, P. R.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE USE OF FLEXIBLE MODELS IN
AEROSPACE ENGINEERING.#
NO FOREIGN
NOV 1966, 60 P, ILLUS, 86 REFS
RAE-TR-66335
AD-813 824
WIND TUNNEL MODELS
VIBRATION
FLEXIBLE STRUCTURES
STRESSES
OSCILLATION
AERODYNAMIC FORCES
FLUTTER
STABILITY
CONTROL
LOADING /MECHANICS/
RESPONSE
GUSTS
LANDING

68 00061 NAT U
01-B
MITCHELL, C. G. B.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
COMPUTER PROGRAMMES TO CALCULATE
THE RESPONSE OF FLEXIBLE AIRCRAFT TO
GUSTS AND CONTROL MOVEMENTS.#
NO FOREIGN
OCT 1966, 50 P, ILLUS, 10 REFS
RAE-TR-66332
AD-813 823
PROGRAMMING /COMPUTERS/
RESPONSE
EQUATIONS
MOTION
CONTROL SYSTEMS
AUTOMATIC
GUSTS
FLEXIBLE STRUCTURES
AIRFRAMES

68 00062 NAT U
01-G
JONES, J. G.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
GRADIENT PROPERTIES OF A MODEL OF
STATIONARY RANDOM TURBULENCE.#
NO FOREIGN
JUN 1967, 20 P, ILLUS, 9 REFS
RAE-TR-671 134
AD-822 068
TURBULENCE
VELOCITY
MATHEMATICAL MODELS
STATISTICAL PROCESSES
PROBABILITY
DISTRIBUTION

68 00063 NAT U
01-F
FOSTER, D. N.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
NOTE ON METHODS OF CALCULATING THE
PRESSURE DISTRIBUTION OVER THE SURFACE
OF TWO-DIMENSIONAL COMBERED WINGS.#
NO FOREIGN
APR 1967, 35 P, ILLUS, TABLES, 30 REFS
RAE-TR-67095
AD-821 979
PRESSURE
DISTRIBUTION
CAMBER
WINGS
AERODYNAMIC CONFIGURATIONS
LIFT
AIRFOILS
SURFACE PROPERTIES
VORTICES

68 00064 NAT U
06-K
AARONS, J.
AIR FORCE CAMBRIDGE RESEARCH LABS., L. G.
HANSCOM FIELD, BEDFORD, MASS.
RADIO SCIENCE.#
GENERAL DISTRIBUTION
JUN 1967, 117 P, ILLUS, 227 REFS
PROJ-4643-02-01
AFCL-67-0400
AD-658 751
RADIO COMMUNICATION SYSTEMS
SCIENTIFIC RESEARCH
MEASUREMENT
DIURNAL VARIATIONS
IONOSPHERIC PROPAGATION
TROPOSPHERE
ABSORPTION
HIGH FREQUENCY
SOLAR DISTURBANCES
PROTONS
RADIO WAVES
INTERFEROMETERS
SEASONAL VARIATIONS

68 00065 NAT U
02-I
TURNBOW, J. W.
COLLINS, J. A.
CRUMACK, J. R.
MYKLESTAD, N. P.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
AIRCRAFT PASSENGER-SEAT-SYSTEM RESPONSE
TO IMPULSIVE LOADS.#
GENERAL DISTRIBUTION
AUG 1967, 313 P, ILLUS, TABLES, 7 REFS
DA-44-177-AMC-360/T/
TASK-1A024701A1201
USAAVLABS-TR-67-17
AD-661 088
AIRCRAFT SEATS
PASSENGERS
RESPONSE
MATHEMATICAL MODELS
STRESSES
SAFETY HARNESS
DESIGN
HEAD
LOADING /MECHANICS/
IMPACT SHOCK
CRASHWORTHINESS
PROTECTIVE COVERINGS
ANTHROPOMORPHIC DUMMIES
ANATOMICAL DISPLACEMENT
PELVIS

68 00066 NAT U
02-A
MURPHY, J. V.
PIZZICARA, D. J.
BELCHER, J. J.
HAMSON, R. L.
BERNBERG, R. E.
LITTON SYSTEMS INC., WOODLAND HILLS, CALIF.
INTEGRATED COCKPIT RESEARCH
PROGRAM.# VOLUME I. FINAL REPORT.
GENERAL DISTRIBUTION
JAN 1967, 140 P, ILLUS, TABLES, 25 REFS
NONR-4951/00/
PROJ-NR213-041
AD-658 753
COCKPITS
SCIENTIFIC RESEARCH
DISPLAY SYSTEMS
AIRBORNE
INSTRUMENTATION
PILOTS
JOB ANALYSIS
AUTOMATION
FLIGHT CONTROL SYSTEMS
COST
EFFECTIVENESS
EQUATIONS
AIRCRAFT SYSTEMS

68 00067
02-A
MURPHY, J. V.
PIZZICARA, D. J.
BELCHER, J. J.
HAMSON, K. L.
BERNBER, R. E.
LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
INTEGRATED COCKPIT RESEARCH PROGRAM.#
VOLUME II. FINAL REPORT.
GENERAL DISTRIBUTION
JAN 1967, 180 P, ILLUS, TABLES, 25 REFS
NUNR-4951/00/
PROJ-NR-213-041
AD-658 754
COCKPITS
SCIENTIFIC RESEARCH
DISPLAY SYSTEMS
COMPUTERS
AIRBORNE
INSTRUMENTATION
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
JOB ANALYSIS
PILOTS
COST
EFFECTIVENESS
EQUATIONS
FLIGHT CONTROL SYSTEMS
AIRCRAFT SYSTEMS

NAT U

68 00068
10-M
HATFEN, E. S.
RAND CORP., SANTA MONICA, CALIF.
THE EFFECTS OF NUCLEAR WAR ON THE
WEATHER AND CLIMATE.#
GENERAL DISTRIBUTION
AUG 1966, 59 P, ILLUS, TABLES, BIBS
AT/04-3/-414
RM-4989-TAB
NUCLEAR EXPLOSIONS
RADIATION EFFECT
METEOROLOGY
CLIMATOLOGY
FIRES
HYDROLOGY
STRATOSPHERE
EQUATIONS

NAT U

68 00069
06-A
FEDERAL AVIATION
ADMINISTRATION, WASHINGTON, D. C.
ULTRASONIC NON-DESTRUCTIVE TESTING #
GENERAL DISTRIBUTION
JAN 1967, 67 P, ILLUS, BIBS
TRANSDUCERS
PROPAGATION
RECORDING DEVICES
DELAY LINES
TEST METHODS
TECHNIQUES
FUEL TANKS
CORROSION INHIBITION
AIRCRAFT EQUIPMENT
ULTRASONIC RADIATION
DETECTION

NAT U

68 00070
11
MARTIN, E. H.
BEMENT, W. A.
AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB,
OHIO.
STUDY AND EXPERIMENTATION OF RAPID REACTION
INERTIAL NAVIGATION SYSTEMS.#
GENERAL DISTRIBUTION
NOV 1967, 290 P, ILLUS
AF33/619/-3854
AFAL-TR-67-122
INERTIAL NAVIGATION
GYROCOMPASSES
ACCELEROMETERS
ENVIRONMENTAL TESTS
TEMPERATURE SENSITIVE ELEMENTS
FEASIBILITY STUDIES
RESPONSE

NAT U

68 00071
08-C
SPEAS, R. D.
SMITH, M. H.
SCHMIDT, M. P.
DIXON /R./, SPEAS ASSOCIATES, INC.,
MAHASSET, N. Y.
FEDERAL AVIATION ADMINISTRATION. SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
COST BENEFIT ANALYSIS FOR ALL-WEATHER
LANDING SYSTEM /AWLS/ CATEGORY II AND
III.# FINAL REPORT.
GENERAL DISTRIBUTION
OCT 1967, 188 P, ILLUS, TABLES, 40 REFS
FA67WA-1642
PROJ-220-102-01A
RD-67-28
AD-661 830
COST
ANALYSIS
ALL WEATHER AVIATION
INSTRUMENT LANDINGS
AIR CARRIERS
FUEL CONSUMPTION
WEATHER COMMUNICATIONS
AIRBORNE
FLIGHT INSTRUMENTS
GROUND SUPPORT EQUIPMENT
SAFETY
OPERATION
MILITARY AVIATION
GENERAL AVIATION AIRCRAFT
CIVIL AVIATION

NAT U

68 00072
10-D
NEWTON, M. M.
STAMMANN, J. R.
ROBB, J. D.
FEDERAL AVIATION ADMINISTRATION. AIRCRAFT
DEVELOPMENT SERVICE, WASHINGTON, D. C.
EXPERIMENTAL STUDY OF TRIGGERED
NATURAL LIGHTNING DISCHARGES.# FINAL
REPORT.
GENERAL DISTRIBUTION
MAR 1967, 46 P, ILLUS, TABLES
FA66NF-156
PROJ-520-002-03X
DS-67-3
AD-661 827
LIGHTNING
MEASURING DEVICES /ELECTRICAL AND ELEC
ELECTRIC DISCHARGES
PHOTOGRAPHY
MOTION PICTURES
OSCILLOGRAPHS

NAT U

68 00073. NAT U
06-K
MULLER, J. A.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
EVALUATE CIVIL ONE INTERROGATORS
ON ICAD MODE Y CHANNELS OPERATION.#
GENERAL DISTRIBUTION
JUL 1967, 27 P, ILLUS, TABLES
PROJ-330-006-034
RD-67-40
AD-823 104L
FEDERAL AVIATION ADMINISTRATION
DISTANCE MEASURING EQUIPMENT
INTERROGATORS
RADIO NAVIGATION
FLIGHT TESTING
ICAO /INTERNATIONAL CIVIL AVIATION
ORGANIZATION/

68 00074 NAT U
06-F
INTERNATIONAL BUSINESS MACHINES CORP.
FEDERAL SYSTEMS DIV., ROCKVILLE, MD.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
ENROUTE AIR TRAFFIC CONTROL.#
PHASE I - SOLID STATE.
GENERAL DISTRIBUTION
NOV 1961, 59 P, ILLUS, TABLES
ATC ENROUTE
PROGRAMMING /COMPUTERS/
SYSTEMS ENGINEERING
ELECTRONIC EQUIPMENT
MAINTENANCE
DATA PROCESSING SYSTEMS
INPUT-OUTPUT DEVICES
IBM

68 00075 NAT U
03-E
BURT, R. A.
COMPUTER SERVICES, INC., ENGLEWOOD, N. J.
THE STUDY OF AIR TRAFFIC CONTROL
THROUGH NON-REAL TIME SIMULATION.#
GENERAL DISTRIBUTION
FEB 1960, 37 P, ILLUS
FAA/BRD-95
AIR TRAFFIC CONTROL SYSTEMS
SIMULATION
DIGITAL COMPUTERS
ATC TERMINAL AREA
COMPUTER LOGIC
ACE /ADVANCED CONCEPTS EVALUATOR/

68 00076 NAT
03-E
BURT, R. A.
COMPUTER SERVICES, INC., ENGLEWOOD, N. J.
TRANSITION TERMINAL CONTROL USING THE
DATA PROCESSING CENTRAL.#
GENERAL DISTRIBUTION
JUN 1960, 19 P
FAA/BRD-95
ATC TERMINAL AREA
AIR TRAFFIC CONTROL SYSTEMS
DATA PROCESSING SYSTEMS
COMPUTERS

68 00077 NAT U
06-K
SHINGLER, J. A.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
ANALYSIS OF SIDE-LOBE SUPPRESSION
CAPABILITIES AT JOINT-USE RADAR BEACON
SITES.# FINAL REPORT,
GOVERNMENT AGENCIES ONLY
AUG 1967, 94 P, ILLUS
PROJ-242-001-054
RD-67-59
AD-823 062L
SUPPRESSIONS
ANTENNA LOSSES
RADAR BEACONS
FEDERAL AVIATION ADMINISTRATION
ANALYSIS
FLIGHT TESTING
OMNIDIRECTIONAL ANTENNAS
TEST METHODS
RADAR STATIONS
DEPARTMENT OF DEFENSE
DEPARTMENT OF DEFENSE/FEDERAL AVIATION ADMIN.
JOINT USE

68 00078 NAT U
06-F
COMPUTER SERVICES, INC., ENGLEWOOD, N. J.
REMOTE DIGITAL DATA SCANNER FOR IBM 709
COMPUTER.#
GENERAL DISTRIBUTION
/196-/, 8 P, ILLUS
COMPUTERS
SCANNING
DATA
REMOTE CONTROL SYSTEMS
INPUT-OUTPUT DEVICES
IBM 709

68 00079 NAT U
03-A
ROSEN, M. H.
COMPUTER SERVICES, INC., ENGLEWOOD, N. J.
THE ADVANCED CONCEPTS EVALUATOR /ACE/
CONTROLLER ACTIVITY ROUTINES.# TECHNICAL
MEMO.
GENERAL DISTRIBUTION
JUN 1967, 9 P, ILLUS
ACE-TM-2
SIMULATION
AIR TRAFFIC CONTROL SYSTEMS
AIR TRAFFIC CONTROLLERS
JOB ANALYSIS
ACE /ADVANCED CONCEPTS EVALUATOR/

68 00080 NAT U
03-D
KATZ, E.
COMPUTER SERVICES, INC., ENGLEWOOD, N. J.
A GUIDE TO THE METHOD OF CONFLICT
PREDICTION UNDER ANC RULES AS IMPLEMENTED
IN THE ACE PROGRAM.# TECHNICAL MEMO.
GENERAL DISTRIBUTION
FEB 1960, 10 &, ILLUS, REFS
CSI-TM-1
AIR TRAFFIC CONTROL SYSTEMS
AIRCRAFT
SEPARATION
MATHEMATICAL MODELS
ACE /ADVANCE CONCEPTS EVALUATOR/

68 00081 NAT U
03-F
ROSEN, M.
KATZ, E.
BURT, R. A.
COMPUTER SERVICES INC., ENGLEWOOD, N. J.
AIRCRAFT KINEMATICS ROUTINE.#
GENERAL DISTRIBUTION
JUL 1960, 61 P, ILLUS, BIBS
FAA/BRD-95
AIRCRAFT
MECHANICS
SIMULATION
AIR ROUTES
UPDATING /COMPUTERS/
AIR TRAFFIC CONTROL SYSTEMS
ACE /ADVANCED CONCEPTS EVALUATOR/
KINEMATICS
FLIGHT CHARACTERISTICS

68 00082 NAT U
13-B
WALLACE, W. M., DR.
BOEING CO. AIRPLANE DIV., RENTON, WASH.
THE DEMAND FOR AIRLINE TRAVEL.#
GENERAL DISTRIBUTION
APR 1964, 75 P, ILLUS
AIR CARRIERS
AIR TRANSPORTATION
ECONOMICS
PASSENGERS
MATHEMATICAL PREDICTION
TRANSOCEANIC
MATHEMATICAL PRODUCTION
TRANSOCEANIC
USER CHARGES /FARES/

68 00083 NAT U
11
ISHLINSKIY, A. Y.
AIR FORCE SYSTEMS COMMAND. FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
IDEAS OF THE INVARIANCE THEORY AND
INERTIAL NAVIGATION.# TRANSLATION FROM
RUSSIAN.
GENERAL DISTRIBUTION
AUG 1967, 16 P, ILLUS, REFS
FTD-MT-67-L9
AD-659 316
INERTIAL NAVIGATION
THEORY
CONTROL SYSTEMS
AUTOMATIC
GYROSCOPES
SATELLITES /ARTIFICIAL/

68 00084 NAT U
09-D
FILIMONOV, S. S.
KRYUKOVA, M. G.
TEPLOV, S. V.
AIR FORCE SYSTEMS COMMAND. FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
ALUMINUM AS A HIGH-TEMPERATURE HEAT-
TRANSFER AGENT.# TRANSLATION FROM
RUSSIAN.
GENERAL DISTRIBUTION
AUG 1967, 26 P, ILLUS, TABLES, REFS
FTD-MT-67-49
AD-659 315
ALUMINUM
HEAT TRANSFER
HEAT-RESISTANT METALS & ALLOYS
HEAT EXCHANGERS
GRAPHITE

68 00085 NAT U
01-G
POLYAKOV, M. B.
SMYERBAK, Y. S.
AIR FORCE SYSTEMS COMMAND. FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
A THIN PROFILE OF A SUPERSONIC WING WITH
MINIMUM AVERAGE HEAT TRANSFER COEFFICIENT AT
GIVEN AERODYNAMIC CHARACTERISTICS.#
TRANSLATION FROM RUSSIAN.
GENERAL DISTRIBUTION
APR 1967 10 P, REFS
FTD-MT-66-491
AD-659 272
AERODYNAMIC CHARACTERISTICS
SUPERSONIC FLOW
WINGS
HEAT TRANSFER
AERODYNAMIC HEATING

68 00086 NAT U
06-S
ILIFF, R. L.
BARKLEY AND DEXTER LABS., INC.,
FITCHBURG, MASS.
AIR FORCE CAMBRIDGE RESEARCH LABS., L. G.
HANSCOM FIELD, BEDFORD, MASS.
LASER ACTIVITIES AND BACKGROUND
RADIATION STUDIES.#
GENERAL DISTRIBUTION
JUL 1963, 17 P, ILLUS, 1 REF
AF19/603/8852
PROJ-7600
AFCL-64-1003
AD-609 759
LASERS
RADIATION EFFECT
CAVITATION
RANGES /DISTANCE/
MEASUREMENT
NOISE
DETECTION
GEODESICS

68 00087 NAT U
02-H
SATO, C.
NATIONAL SCIENCE FOUNDATION, WASHINGTON, D. C.
NONLINEAR OSCILLATION OF A GYROSCOPE.#
GENERAL DISTRIBUTION
FEB 1967, 43 P, ILLUS, 11 REFS
TR-EE 67-2
PB-174 302
GYROSCOPES
OSCILLATION
DIFFERENTIAL EQUATIONS

68 00088 NAT U
07-F
MUNT, P. W.
KNELLER, P. G.
GT. BRIT. MINISTRY OF DEFENSE, LONDON.
SUPERSONIC TRANSPORT ATC SIMULATION
TRIADL.#
GENERAL DISTRIBUTION
MAY 1967, 40 P, ILLUS, TABLES, BIBS
ATCEU-R248
SUPERSONIC TRANSPORTS
AIR TRAFFIC CONTROLLERS
CONTROL SIMULATORS
ATC ENROUTE
CONCORDE AIRCRAFT

68 00089 NAT U
09-G
PACE, G. M.
ARMY, CORPS OF ENGINEERS, OHIO RIVER DIV.
LABS., CINCINNATI.
EVALUATION OF THE DYNAFLECT FOR THE
NON-DESTRUCTIVE TESTING OF PORTLAND
CEMENT CONCRETE PAVEMENTS.#
GENERAL DISTRIBUTION
AUG 1967, 125 P, ILLUS, TABLES, 11 REFS
TR-4-61
AD-659 411
PAVEMENTS
CEMENTS
CONCRETE
DEFLECTION
MEASURING DEVICES /ELECTRICAL AND ELEC
TEST METHODS
LOADING /MECHANICS/
JOINTS
FRACTURE /MECHANICS/
DYNAFLECT

68 00090 NAT U
01-D
BELSTERLING, C. A.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
FLUIDIC SYSTEMS DESIGN MANUAL.#
GENERAL DISTRIBUTION
JUL 1967, 198 P, ILLUS, 12 REFS
DA44-177-AMC-390/T/
TASK-IF121401A14186
USAAVLABS-TR-67-32
AD-659 415
DESIGN
HANDBOOKS
STANDARDS
TEST METHODS
SENSING ELEMENTS
AMPLIFIERS
ACTUATORS
FLUID MECHANICS

68 00091 NAT U
06-S
RIZY, E. F., 1ST/LT.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
DICHROIC FILTER SPECIFICATION FOR
COLOR ADDITIVE DISPLAYS.# FINAL REPORT
GENERAL DISTRIBUTION
SEP 1967, 52 P, ILLUS, TABLES, 16 REFS
PROJ-5597
TASK-559705
RADC-TR-67-513
AD-659 346
DISPLAY SYSTEMS
STANDARDS
COLOR VISION
BRIGHTNESS
OPTICAL FILTERS
COATINGS
COLORIMETRY

68 00092 NAT I
06-H
SCANLAN, J. D.
RHODES, J. D.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
MICROWAVE ALL-PASS NETWORKS.#
GENERAL DISTRIBUTION
SEP 1967, 78 P, ILLUS, 9 REFS
AF61 /052/-925
RADC-TR-67-385
AD-659 153
MICROWAVE NETWORKS
MICROWAVE EQUIPMENT
SYNTHESIS
DELAY
FILTERS /ELECTROMAGNETIC WAVE,

NAT U
01-B
BLACK, L. A.
TIMOTHY, H. J.
RUCCIA, P. M.
MECHSLER, A. E.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, WASHINGTON, D. C.
THERMAL INSULATION SYSTEMS.#
A SURVEY.
GENERAL DISTRIBUTION
1967, 145 P, ILLUS, TABLES, 101 REFS
NASA-SP-4027
N67-70500
THERMAL INSULATION
HEAT TRANSFER
TECHNIQUES
MATERIALS
PROTECTIVE TREATMENTS
ADHESIVES
HIGH-TEMPERATURE RESEARCH
CRYOGENICS
SPACECRAFT
LIQUIDIFIED GASES
ELECTRICITY
ELECTRONIC EQUIPMENT
REDLINE
MEASUREMENT
AIRFRAMES

68 00094 NAT U
08-D
MEISTER, D.
SULLIVAN, D.
BUNKER-RAND CORP., CANOGA PARK, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
EVALUATION OF USER REACTIONS TO A
SYSTEM.#
GENERAL DISTRIBUTION
OCT 1967, 58 P, ILLUS
NASA-CR-918
N67-40083
INFORMATION RETRIEVAL
SYSTEMS ENGINEERING
ANALYSIS

68 00095 NAT U
07-C
LEVISON, W. H.
ELKIND, J. I.
BOLT, BERANEK AND NEWMAN, INC.,
CAMBRIDGE, MASS.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, AMES RESEARCH CENTER,
MOFFETT FIELD, CALIF.
STUDIES OF MULTIVARIABLE MANUAL
CONTROL SYSTEMS.#
TWO-AXIS COMPENSATORY SYSTEMS WITH
SEPARATED DISPLAYS AND CONTROLS.
GENERAL DISTRIBUTION
OCT 1967, 125 P, ILLUS, TABLES, 25 REFS
NASA-CR-875
N67-39978
CONTROL SYSTEMS
DISPLAY SYSTEMS
MATHEMATICAL MODELS
MAN-MACHINE SYSTEMS
OPTICAL SCANNING
VISION
TEST METHODS
HUMAN ENGINEERING
PERIPHERAL VISION

68 00096 NAT U
 09-G
 ISAKSON, G.
 ARMEN, H., JR.
 PIFKO, A.
 GRUMAN AIRCRAFT ENGINEERING CORP.,
 BETHPAGE, N. Y.
 NATIONAL AERONAUTICS AND SPACE
 ADMINISTRATION, LANGLEY RESEARCH CENTER,
 LANGLEY STATION, HAMPTON, VA.
 DISCRETE-ELEMENT FOR THE
 PLASTIC ANALYSIS OF STRUCTURES.#
 GENERAL DISTRIBUTION
 OCT 1967, 206 P, ILLUS, TABLES, 80 REFS
 NASA-CN-803
 N67-40204
 PLASTICS
 ANALYSIS
 FAILURE /MECHANICS/
 STRESSES
 ELASTICITY
 BUCKLING /MECHANICS/
 THEORY
 AIRFRAMES
 LOADING /MECHANICS/
 MATHEMATICAL ANALYSIS

68 00097 NAT U
 01-C
 STAINBACK, P. C.
 WEINSTEIN, L. M.
 NATIONAL AERONAUTICS AND SPACE
 ADMINISTRATION, LANGLEY RESEARCH CENTER,
 LANGLEY STATION, HAMPTON, VA.
 AERODYNAMIC HEATING IN THE VICINITY OF
 CORNERS AT HYPERSONIC SPEEDS.#
 GENERAL DISTRIBUTION
 NOV 1967, 25 P, ILLUS, 15 REFS
 NASA-TN-D-4130
 N67-40368
 AERODYNAMIC HEATING
 HYPERSONIC FLOW
 FRICTION
 SURFACE PROPERTIES
 HEAT TRANSFER
 FLUID FLOW
 WING-BODY CONFIGURATIONS
 CORNER FLOW CONFIGURATION

68 00098 NAT U
 06-F
 RIEGL, R. C.
 ELECTRONICS RESEARCH CENTER,
 CAMBRIDGE, MASS.
 NATIONAL AERONAUTICS AND SPACE
 ADMINISTRATION, WASHINGTON, D. C.
 PRESENT AND FUTURE STATE OF THE
 ART IN GUIDANCE COMPUTER MEMORIES.#
 GENERAL DISTRIBUTION
 NOV 1967, 10 P, TABLES, REFS
 NASA-TN-D-4224
 N67-40319
 COMPUTER STORAGE DEVICES
 MAGNETIC CORES
 WIRE
 THIN FILMS /STORAGE DEVICES/
 FERRITES
 INTEGRATED CIRCUITS
 DIGITAL COMPUTERS
 SPECIAL PURPOSE COMPUTERS

68 00099 NAT U
 01-C
 YATES, E. C., JR.
 NATIONAL AERONAUTICS AND SPACE
 ADMINISTRATION, LANGLEY RESEARCH CENTER,
 LANGLEY STATION, HAMPTON, VA.
 SUBSONIC AND SUPERSONIC FLUTTER
 ANALYSIS OF A HIGHLY TAPERED
 SHEPT-WING PLANFORM, INCLUDING EFFECTS OF
 DENSITY VARIATION AND FINITE WING THICKNESS,
 AND COMPARISON WITH EXPERIMENT.#
 GENERAL DISTRIBUTION
 NOV 1967, 69 P, ILLUS, TABLES, 18 REFS
 NASA-TN-D-4230
 N67-40150
 SUBSONIC FLOW
 SUPERSONIC FLOW
 FLUTTER
 SHEPT WINGS
 DENSITY
 THICKNESS
 THEORY
 WIND TUNNELS
 ANALYSIS

68 00100 NAT U
 01-D
 KIRK, J. V.
 MOHBER, B. K.
 HALL, L. P.
 NATIONAL AERONAUTICS AND SPACE
 ADMINISTRATION, AMES RESEARCH CENTER,
 MOFFETT FIELD, CALIF.
 LARGE-SCALE WIND-TUNNEL INVESTIGATION
 OF A V/STOL TRANSPORT MODEL WITH WING-
 MOUNTED LIFT FANS AND FUSELAGE-MOUNTED
 LIFT-CRUISE ENGINES FOR PROPULSION.#
 GENERAL DISTRIBUTION
 NOV 1967, 86 P, ILLUS
 NASA-TN-D-4233
 N67-40198
 WIND TUNNELS
 VERTICAL TAKE-OFF PLANES
 SHORT TAKE-OFF PLANES
 JET ENGINES
 PROPULSION
 WING-BODY CONFIGURATIONS
 FANS
 LIFT
 CRUISING
 FAN-IN-WING
 ENGINES-IN-FUSELAGE

68 00101 NAT U
 10-C
 AIR WEATHER SERVICE, SCOTT AFB, ILL.
 METEOROLOGICAL CODES.#
 GENERAL DISTRIBUTION
 SEP 1967, 133 P, ILLUS, TABLES
 ANSM-105-24
 AD-822 452L
 WEATHER COMMUNICATIONS
 COMPUTERS
 WEATHER FORECASTING
 CODING

68 00102 R NAT U
03-C
MULLER, J. A.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
TEST AND EVALUATION DIV., ATLANTIC CITY.
WEATHER EFFECTS ON VORTAC FACILITIES
TACAN MONITOR ANTENNA TESTS.# FINAL
REPORT.
GENERAL DISTRIBUTION
AUG 1967, 24 P, ILLUS
PROJ-330-001-034
FAA-RD-67-6
AD-661 241
FEDERAL AVIATION ADMINISTRATION
ANTENNAS
SNOW REMOVAL
ICE
HEATING
TECHNIQUES
MONITORS
RADIO NAVIGATION
VORTAC
TACAN

68 00103 NAT U
02-1
RELLROUSE, F. C., DR.
BUREAU OF SPORT FISHERIES AND WILDLIFE,
WASHINGTON, D. C.
FEDERAL AVIATION ADMINISTRATION,
SYSTEMS RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
ESTABLISHING CERTAIN PARAMETERS OF
HAZARDS TO AIRCRAFT BY MIGRATING BIRDS
IN THE MISSISSIPPI FLYWAY.#
INTERIM REPORT.
GENERAL DISTRIBUTION
NOV 1967, 74 P, ILLUS
FAA-SHA1-77
PROJ-430-011-016
SRDS-RD-67-67
AD-661 241
BIRDS
HAZARDS
AVIATION ACCIDENTS
COLLISION AVOIDANCE
MISSISSIPPI FLYWAY

68 00104 NAT U
09-C
MICHAEL, H. J.
ACKER, D. G.
NORTH AMERICAN AVIATION, INC.,
COLUMBUS, OHIO.
AIRCRAFT COATING, TESTING AND
EVALUATION.# FOURTH INTERIM ENGINEERING
REPORT.
GOVERNMENT AGENCIES ONLY
JUN 1967, 54 P, ILLUS, TABLES
AF33/6152-40
NA67H-645
AD-R18 128
SUPERSONIC PLANE
COATINGS
TEST METHODS
EROSION
ABRASIVES
LEADING EDGES
COMPRESSORS
DUCT INLETS
CERAMIC COATINGS
ORGANIC COATINGS
METAL COATINGS

68 00105 NAT U
09-C
UNITED STATES DEPARTMENT OF
ADMISSION PROPERTIES OF POLYMER
ADVANCED STEEL
GOVERNMENT AGENCIES ONLY
JUL 1967, 64 P, ILLUS
PROJ-34472-1201
TN-664
AD-R18 6891
ADHESION
GLUES
STEEL
MAINTENANCE
TOWERS
CHEMICAL PROPERTIES
VINYL PAINTS
PAINTS

68 00106 NAT U
09-C
PROHIBITED, C. V.
NAVAL CIVIL ENGINEERING LAB.,
PORT HENRI, CALIF.
COMPARATIVE PERFORMANCE OF AUTOMOBILE
REFRESHING PAINTS
OFFICIAL USE ONLY
JUL 1967, 14 P, 2 REFS
TN-408
AD-R18 624
PASSENGER VEHICLES
PAINTS

68 00107 NAT U
13-A
SHERILL, J. C.
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
CATALOGUE OF TRANSPORTATION PLANNING
SYSTEMS.#
GOVERNMENT AGENCIES ONLY
JUL 1967, 310 P, REFS
SMAH-491-67
AD-R18 5651
TRANSPORTATION
DECISION MAKING
DESIGN
DATA
OPERATION
SYSTEMS ENGINEERING
SMAH /SPECIAL ASSISTANT TO JOINT CHIEFS OF
STAFF FOR STRATEGIC MOBILITY/

68 00108 NAT U
06-D
JONES, C. M.
MAREK, A. J.
BATES, H. S.
DICKY, L. D.
LING-TENG-VOUGHT, INC. AERONAUTICAL DIV.,
AL. FORCE PROPULSION LAB.,
WRIGHT PATTERSON AFB, OHIO.
EXPLORATORY DEVELOPMENT PROGRAM TO
PROVE THE FEASIBILITY OF SOLID-STATE
SWITCHING FOR A COMPLEX ELECTRICAL CONTROL
NETWORK.#
NO FOREIGN
JUL 1967, 230 P, ILLUS
AFAP1-TR-67-84
AD-R18 554
DESIGN
FEASIBILITY STUDIES
SOLID STATE PHYSICS
NETWORKS
LANDING AIDS
FLIGHT TESTING
TESTING METHODS
SENSING ELEMENTS
SWITCHING CIRCUITS
WAFING SYSTEM

68 00109 NAT U
06-C
ADVANCED TECHNOLOGY CORP., TIMONIUM, MD.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
RADAR IMAGING.B FINAL REPORT.
NO FOREIGN
JUL 1967, 130 P, ILLUS, TABLES
AF30/602/-4134
RADC-TR-67-490
AD-818 504
RADAR IMAGES
RADAR ANTENNAS
RADAR TARGETS
ILLUMINATION
DESIGN
MODEL TESTS

68 00110 NAT U
06-C
LYONS, B. J.
SANDERS, M. J., JR.
BENDIX CORP. COMMUNICATIONS DIV.,
BALTIMORE.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
ADAPTIVE TECHNIQUES FOR PHASED ARRAYS.B
FINAL REPORT.
NO FOREIGN
JUL 1967, 144 P, ILLUS, 41 REFS
AF30/602/-4188
RADC-TR-67-294
AD-818 327
RADAR ANTENNAS
ANTENNA CONFIGURATIONS
RADAR TARGETS
RADAR SIGNALS
WAVE TRANSMISSION
SYNTHESIS
WAVEFORM GENERATORS
RADAR CLUTTER

68 0111 NAT U
06-B
VAN DE VAART, M.
SPERRY RAND RESEARCH CENTER, SUDBURY, MASS.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
INTEGRATED SOLID STATE TIME DELAY
AMPLIFIER.B
NO FOREIGN
JUN 1967, 34 P, ILLUS, 2 REFS
F10602-67-C-0106
RADC-TR-67-253
AD-817 783
SOLID STATE PHYSICS
AMPLIFIERS
DELAY
MAGNETIC FIELDS
MICROWAVE FREQUENCY
MAGNETOELASTIC WAVE

68 00112 NAT U
06-M
FREUDENTHAL, A. M.
COLUMBIA UNIV., NEW YORK, DEPT. OF CIVIL
ENGINEERING.
RESEARCH AND TECHNOLOGY DIV. AIR FORCE
MATERIALS LAB., WRIGHT-PATTERSON AFB, OHIO.
RELIABILITY ANALYSIS BASED ON TIME
TO FIRST FAILURE.B
NO FOREIGN
MAY 1967, 37 P, ILLUS, 14 REFS
AF30/674/-8741
AFML-TR-67-149
AD-817 919
RELIABILITY
FAILURE MECHANISMS/
ELECTRONIC EQUIPMENT
MATHEMATICAL ANALYSIS

68 00113 NAT U
02-K
EARL, T. D.
BELL AEROSYSTEMS CO., BUFFALO.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
AIR CUSHION LANDING GEAR FEASIBILITY
STUDY.B
NO FOREIGN
MAY 1967, 173 P, ILLUS, TABLES, & REFS
AF30/619/-3296
AFDL-TR-67-32
AD-817 927
LANDING AIDS
FEASIBILITY STUDIES
PNEUMATIC SYSTEMS
TAKE-OFF
LANDING
WIND TUNNEL MODELS
DESIGN
AIR CUSHION

68 00114 NAT U
07-G
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
PROJECT PRIME.B
GENERAL DISTRIBUTION
MAY 1966, 150 P, ILLUS
AD-806 766
BUDGETS
DECISION MAKING
MANAGEMENT ENGINEERING
DEPARTMENT OF DEFENSE
PROJECT PRIME

68 00115 NAT U
07-G
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
PROJECT PRIME.B SUPPLEMENTAL MATERIAL.
NO FOREIGN
APR 1967, 160 P, TABLES
AD-817 696
BUDGETS
DECISION MAKING
MANAGEMENT ENGINEERING
DEPARTMENT OF DEFENSE
ECONOMICS
PROJECT PRIME

68 00116 NAT U
06-A
COHEN, A. I.
CORNELL UNIV., ITHACA, N. Y. ELECTRICAL
ENGINEERING RESEARCH LAB.
DESIGN OF CONTINUOUSLY VARIABLE DELAY
LINE.B
NO FOREIGN
MAY 1967, 35 P, ILLUS, 9 REFS
DASH-039- MC-00034/E/
EERL-RR-71
EERL TR-9
AD-817 497
DESIGN
DELAY LINES
MODEL TESTS
AMPLIFIERS
CIRCUITS
SIMULATION
DIGITAL COMPUTERS
THEORY

68 00117 NAT U
06-E
VENA, P. A.
COLLINS RADIO CO., NEWPORT BEACH, CALIF.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
HF ADAPTIVE MODEL AIR-TO-GROUND TEST.#
NO FOREIGN
OCT 1967, 97 P, ILLUS, TABLES
AF30/6027-4000
RADC-TR-67-518
AD-822 547
HIGH FREQUENCY
DATA TRANSMISSION SYSTEMS
AIR-TO-SURFACE
TEST METHODS
BANDWIDTH
PHASE STUDIES
SYNCHRONIZATION /ELECTRONICS/
DETECTION
COMMUNICATION EQUIPMENT

68 00118 NAT U
06-E
MORRIS, P. B.
NEGUS, G. F.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
A QUEUEING ANALYSIS OF THE TRAFFIC
HANDLING CAPABILITY OF A SATELLITE GROUND
TERMINAL.# FINAL REPORT.
NO FOREIGN
OCT 1967, 62 P, ILLUS, TABLES, 9 REFS
RADC-TR-67-462
AD-822 770
TRAFFIC
SPACE COMMUNICATION SYSTEMS
COMMUNICATION SATELLITES /ACTIVE/
QUEUEING THEORY
STATISTICAL ANALYSIS

68 00119 NAT U
01-C
KHAZHONKOV, K. I.
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
REDUCING AERODYNAMIC RESISTANCE HOLES
WITH ANNULAR RIBS AND RECESSES.# TRANSLATION
FROM RUSSIAN.
GENERAL DISTRIBUTION
DEC 1966, 24 P, ILLUS
FTD-MT-66-371
AD-660 433
AERODYNAMIC CHARACTERISTICS
FLUID FLOW
FLUID DYNAMICS PROPERTIES
GAS FLOW

68 00120 NAT U
09-D
CHAYENSKIY, M. I.
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
THE USE OF LIQUID-METAL MELTS IN
DIFFERENT BRANCHES OF INDUSTRY.#
TRANSLATION FROM RUSSIAN.
GENERAL DISTRIBUTION
JUN 1967, 14 P, ILLUS
FTD-MT-67-82
AD-660 432
HEAT TRANSFER
LIQUID METALS
GLASS
INDUSTRIES
MERCURY
METALLURGY
FURNACES

68 00121 NAT U
09-F
LHUN-WEN, W.
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
AIRPLANES - ADVANCES IN ASSEMBLY
TECHNIQUES /11/ WELDING, PLASTIC CEMENTING,
HERMETIC SEALING.# TRANSLATION FROM RUSSIAN.
GENERAL DISTRIBUTION
FEB 1967, 7 P, ILLUS, REFS
FTD-MT-66-779
AD-660 342
AIRPLANES
WELDING
TECHNIQUES
ADHESIVES
BONDING
PLASTICS

68 00122 NAT U
06-F
IMASZKIEWICZ, A.
STOLARSKI, M.
ZELAZOWSKI, W.
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
AUTOMATION AND CYBERNETICS IN THE
MODERN ARMY.# CHAPTER FOUR, TRANSLATION
FROM RUSSIAN.
GENERAL DISTRIBUTION
APR 1967, NO P, ILLUS, TABLES
FTD-MT-66-758
AD-822 380
ARMY
AUTOMATION
CYBERNETICS
OPERATION
MAINTENANCE
COMPUTERS
DESIGN

68 00123 NAT U
08-D
NELSON, E. A.
FLEISHMAN, T.
AIR FORCE SYSTEMS COMMAND, ELECTRONIC SYSTEMS
DIV., L. G. HANSCOM FIELD, BEDFORD, MASS.
COST REPORTING FOR DEVELOPMENT
OF INFORMATION PROCESSING SYSTEMS.#
GENERAL DISTRIBUTION
APR 1967, 78 P, ILLUS, 20 REFS
AF19628-67-C-0132
ESC-TR-67-452
AD-657 793
COSTS
DATA PROCESSING SYSTEMS
PROGRAMMING /COMPUTERS/
DESIGN
MANAGEMENT ENGINEERING
CONTROL

68 00124 NAT U
04-D
COLE, J. N.
ENGLAND, R. T.
AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO.
EVALUATION OF NOISE PROBLEMS
ANTICIPATED WITH FUTURE VTOL AIRCRAFT.#
GENERAL DISTRIBUTION
MAY 1967, 16 P, ILLUS, 6 REFS
PROJ-7231
TASK-723104
AMRL-TR-66-245
AD-658 448
AIRPLANE NOISE
VERTICAL TAKE-OFF PLANES
REACTION /PSYCHOLOGY/
DESIGN
URBAN AREAS
JET ENGINE NOISE
HELICOPTER NOISE
MEASUREMENT
PWL /PERCEIVED NOISE LEVEL/

68 00125 NAT U
04-D
HERNER, S.
HERNER AND CO., WASHINGTON, D. C.
SYSTEM DESIGN EVALUATION AND COSTING-- IN
PLAIN ENGLISH.#
GENERAL DISTRIBUTION
MAR 1967, 15 P
AF49/638/-1424
PROJ-9769-01
AFOSM-67-1998
AD-657 788
SYSTEMS ENGINEERING
ANALYSIS
COSTS
INFORMATION RETRIEVAL
DESIGN
DATA PROCESSING SYSTEMS

68 00126 NAT U
01-F
CLARKSON, B. L.
SOUTHAMPTON, ENGLAND, UNIV. INST. OF SOUND
AND VIBRATION RESEARCH,
RESEARCH AND TECHNOLOGY DIV., AIR FORCE
MATERIALS LAB., WRIGHT-PATTERSON AFB, OHIO.
STRESSES IN SKIN PANELS SUBJECTED TO
RANDOM ACOUSTIC LOADING.#
GENERAL DISTRIBUTION
JUN 1967, 52 P, ILLUS, TABLES, 18 REFS
AF67/0527-627
PROJ-7351
AMRL-TR-67-199
AD-658 846
STRESSES
AIRPLANE PANELS
JET ENGINE NOISE
CONTROL SURFACES
TAKE-OFF
CLIMBING
MEASUREMENT
SURFACE PROPERTIES
THEORY
LOADING /MECHANICS/
SHOCK CELL NOISE

68 00127 NAT U
02-E
RAMBY, K. W.
PATCH, D. E.
GENERAL ELECTRIC CO., BINGHAMTON, N. Y.
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
APPLICATION OF OPTIMIZATION TECHNIQUES
TO FLIGHT CONTROL ACTUATION SYSTEM
DESIGN.#
NO FOREIGN
SEP 1967, 191 P, ILLUS, TABLES, 24 REFS
AF33/615-3587
TASK-822510
AFFDL-TR-67-103
AD-622 349
FLIGHT CONTROL SYSTEMS
ACTUATORS
DESIGN
THEORY
OPTIMIZATION
MODEL TESTS
HYDRAULIC SYSTEMS
MATHEMATICAL ANALYSIS

68 00128 NAT U
02-D
PLUMBLEE, H. E.
FALLENSTEIN, J. R.
PASSINUS, B.
LOCKHEED-GEORGIA CO., MARIETTA, GA.
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
NEAR FIELD NOISE ANALYSES OF AIRCRAFT
PROPULSION SYSTEMS WITH EMPHASIS ON
PRELUSTION TECHNIQUES FOR JET.#
NO FOREIGN
AUG 1967, 210 P, ILLUS, TABLES, 32 REFS
AF33/615/-2503
PROJ-1471
AFFDL-TR-67-43
AD-822 414
JET ENGINE NOISE
ANALYSIS
MATHEMATICAL PREDICTION
TECHNIQUES
TEMPERATURE
MACH NUMBER
DIGITAL COMPUTERS
MODEL TESTS
TURBOFAN ENGINES

68 00129 NAT U
02-E
PARFAG, M. L.
CORNELL AERONAUTICAL LAB., INC., BUFFALO.
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
PILOT EVALUATIONS IN A GROUND
SIMULATOR OF THE EFFECTS OF ELEVATOR
CONTROL SYSTEM DYNAMICS IN FIGHTER
AIRCRAFT.#
GENERAL DISTRIBUTION
SEP 1967, 765 P, ILLUS, 7 REFS
AF33/615/-2535
AFFDL-TR-67-119
AD-822 025
ELEVATORS
FLIGHT CONTROL SYSTEMS
PILOTS
ANALYSIS
FIGHTERS
CONTROL SIMULATORS
HIGH-ALTITUDE
FLIGHT SPEEDS
LOW ALTITUDE

68 00130 NAT U
 10-G
 TENBROEK, M. W.
 SEASHORE, C. R.
 HONEYWELL, INC. RESEARCH
 DIV., ST PAUL.
 AIR FORCE CAMBRIDGE RESEARCH LABS.
 OFFICE OF AEROSPACE RESEARCH,
 BEDFORD, MASS.
 LOW FREQUENCY ELECTRIC FIELD
 CHARACTERISTICS OF CLEAR AIR TURBULENCE.
 GENERAL DISTRIBUTION
 JUL 1967, 157 P, ILLUSTRATIONS, 18 REFS
 AF19/628/-5381
 PROJ-6020
 AFRL-67-0457
 AD-658 875
 LOW FREQUENCY
 CLEAR AIR TURBULENCE
 DETECTION
 INSTRUMENTATION
 NOISE
 ELECTROSTATIC FIELDS

68 00131 NAT U
 01-D
 GARNER, J. E.
 ARNOLD ENGINEERING DEVELOPMENT CENTER,
 ARNOLD AF STATION, TENN.
 A REVIEW OF JET EFFLUX STUDIES
 APPLICABLE TO V/STOL AIRCRAFT.
 GENERAL DISTRIBUTION
 SEP 1967, 17 P, ILLUSTRATIONS, 26 REFS
 AF40/600/-1200
 PROJ-7778
 AEDC-TR-67-163
 AD-658 432
 VERTICAL TAKE-OFF PLANES
 SHORT TAKE-OFF PLANES
 FLUID FLOW
 JETS
 WIND TUNNELS
 EXHAUST SYSTEMS

68 00132 NAT U
 06-C
 FISHER, F. A.
 AIR RESEARCH AND DEVELOPMENT COMMAND,
 ANDREWS AFB, MD.
 INVESTIGATIONS ON THE DIRECTIVITY OF
 CIRCULAR ANTENNA ARRAYS IN COMPARISON WITH
 THE BEAMWIDTH OF PARABOLIC REFLECTORS IN
 THE DECIMETER AND CENTIMETER WAVE BAND.
 GENERAL DISTRIBUTION
 SEP 1967, 75 P, ILLUSTRATIONS
 AF61/514/-736-C
 AD-658 490
 ANTENNA CONFIGURATIONS
 REFLECTORS
 EQUATIONS
 ANTENNAS
 MEASURING DEVICES /ELECTRICAL AND ELEC
 ANTENNA RADIATION PATTERNS

68 00133 NAT U
 10-G
 JOHNS, S. M., 1ST LT.
 AIR FORCE, DET. 9 12TH WEATHER SQUADRON,
 SUFFOLK COUNTY AFB, N. Y.
 AN INVESTIGATION OF LOW VISIBILITY
 DURING JANUARY AND FEBRUARY AT SUFFOLK
 COUNTY AIR FORCE BASE.
 GENERAL DISTRIBUTION
 JUN 1967, 20 P, ILLUSTRATIONS
 AD-658 889
 VISIBILITY
 WEATHER FORECASTING
 ATMOSPHERIC CONDENSATION
 FOG
 HAZE
 BAROMETRIC PRESSURE
 TEMPERATURE
 DEW POINT
 DIURNAL VARIATIONS
 SUFFOLK COUNTY AFB
 JANUARY
 FEBRUARY
 SEASONAL VARIATIONS

68 00134 NAT U
 06-C
 LORING, C. N.
 LILJEGREN, G.
 VARIAN ASSOCIATES, ETMA DIV.,
 SAN CARLOS, CALIF.
 ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
 N. Y.
 TRANSMITTER TUBE INVESTIGATION.
 FINAL REPORT.
 GENERAL DISTRIBUTION
 AUG 1967, 116 P, ILLUSTRATIONS, 7 REFS
 AF30/602/-4205
 PROJ-5582
 RADC-TR-67-343
 AD-658 491
 NOISE /RADIO/
 MODULATION
 MAGNETIC FIELDS
 CAPACITANCE
 ELECTRIC CURRENT
 POWER SUPPLIES
 RADIO TRANSMITTERS
 TEST METHODS

68 00135 NAT U
 06-B
 WOOD, C. H.
 MORSE, A. W.
 WESTINGHOUSE ELECTRIC CORP., BALTIMORE,
 ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
 N. Y.
 SOLID STATE HF LINEAR AMPLIFIER.
 FINAL REPORT.
 GENERAL DISTRIBUTION
 OCT 1967, 112 P, ILLUSTRATIONS, 1 REF
 AF30/602/-4511
 PROJ-6523
 RADC-TR-66-579
 AD-822 313
 SOLID STATE PHYSICS
 HIGH FREQUENCY
 POWER AMPLIFIERS
 MODEL TESTS
 DESIGN
 TRANSISTOR AMPLIFIERS
 RADIO TRANSMITTERS
 POWER SUPPLIES
 COOLING
 STORAGE

68 00136
02-R
MUNAKEN, J. S., MAJ.
CHUBBRY, R. A., MAJ.
WEST, T. C., MAJ.
DAVIES, W., LCOL.
RESCHAK, R., CAPT.
PORTER, S. L., MR.
ARMY AVIATION MATERIEL LABS.,
FORT RUSTIS, VA.
TRI-SERVICE EVALUATION OF THE CANADAIR
CL-44 V/STOL AIRCRAFT.#
GENERAL DISTRIBUTION
NOV 1967, 273 P, ILLUS, TABLES, 22 REFS
USAAVIABS-TR-67-84
AD-622 748L
V/STOL WINGS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
FLIGHT TESTING
FEASIBILITY STUDIES
RESCUES
MILITARY AIRCRAFT
FLIGHT SIMULATORS
UTILITY PLANES
CANADAIR CL-44 AIRCRAFT

58 00137
02-R
BLAKEMORE, G. J.
KEFANSON, E. T.
AR. NO. RESEARCH CORP., WASHINGTON, D. C.
SEMICONDUCTOR RELIABILITY.#
GENERAL DISTRIBUTION
JUL 1963, 303 P, ILLUS, TABLES
NORSH-87664
AD-637 692
SEMICONDUCTOR DEVICES
RELIABILITY
LIFE EXPECTANCY
STATISTICAL ANALYSIS

68 00138
08-C
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
PROJECT PRIME HANDBOOK.#
GOVERNMENT AGENCIES ONLY
JUN 1967, 450 P
AD-617 506
HANDBOOKS
MANAGEMENT ENGINEERING
BUDGETS
SPEECHES
DEPARTMENT OF DEFENSE
ECONOMICS
PROJECT PRIME

68 00139
07-C
MURPHY, J. V.
PIZZICARA, D. J.
BELCHER, J. J.
HANSON, R. L.
BERNBERG, R. E.
LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
INTEGRATED COCKPIT RESEARCH PROGRAM.#
GENERAL DISTRIBUTION
JAN 1967, 246 P, ILLUS, TABLES
NORH-4951/331-NR213-041
NR-313-041
AD-658 753
COCKPITS
FLIGHT INSTRUMENTS
DESIGN
COSTS
MODEL TESTS
DISPLAY SYSTEMS

68 00140
09-C
MURPHY, J. V.
PIZZICARA, D. J.
BELCHER, J. J.
HANSON, R. L.
BERNBERG, R. E.
LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
INTEGRATED COCKPIT RESEARCH PROGRAM.#
APPENDIX II.
GENERAL DISTRIBUTION
JAN 1967, 89 P, ILLUS
NORH-4951/331
NR-213-041
AD-658 754
COCKPITS
FLIGHT INSTRUMENTS
DESIGN
DISPLAY SYSTEMS
COSTS
DATA PROCESSING SYSTEMS
ANALYSIS
FLIGHT CONTROL SYSTEMS
NAVIGATION
COMMUNICATIONS SYSTEM
WEAPONS SYSTEMS

68 00141
08-A
RUBENSTEIN, A. H., DR.
NORTHWESTERN UNIV., EVANSTON, ILL.
PROGRAM OF RESEARCH ON THE MANAGEMENT
OF RESEARCH AND DEVELOPMENT.#
GENERAL DISTRIBUTION
SEP 1966, 52 P
NSG-495
AD-658 897
MANAGEMENT ENGINEERING

68 00142
08-D
WOOD, J.
ORION PRODUCTS, INC., SUNNYVALE, CALIF.
STUDY OF HIGH PACKING DENSITY AND
HIGH TRANSFER RATE ENCODER/DECODER.#
GENERAL DISTRIBUTION
DEC 1965, 180 P, ILLUS, TABLES, 5 REFS
AF14/628/-5167
PRUJ-627A
ESU-TR-67-318
AD-658 496
DATA PROCESSING SYSTEMS
CODING
DATA STORAGE SYSTEMS
ERRORS
TECHNIQUES
DETECTORS
MAGNETIC TAPES
DIGITAL SYSTEMS

68 00143
02-N
RANSONE, R. K.
BASQUEZ, J. G.
AIR FORCE FLIGHT TEST CENTER, AD HOC COMMITTEE
ON V/STOL TERMINOLOGY, EDWARDS AFB, CALIF.
V/STOL TERMINOLOGY.#
GENERAL DISTRIBUTION
JUL 1967, 8 P
SP-67-1001
AD-658 545
VERTICAL TAKE-OFF PLANES
VOCABULARIES
SHORT TAKE-OFF PLANES

68 00144 NAT II
13-C
KAIR, J. F.
RAND CORP., SANTA MONICA, CALIF.
A MULTIPLE EQUATION MODEL OF
HOUSEHOLD LOCATIONAL AND TRIPMAKING
BEHAVIOR.#
GENERAL DISTRIBUTION
APR 1967, 67 P, ILLUS, TABLES
RM-3088-FF
AD-609 758
BEHAVIOR
URBAN AREAS
TRANSPORTATION
MATHEMATICAL MODELS
PASSENGER VEHICLES
STATISTICAL ANALYSIS
TRAFFIC
COMMUTER TRAVEL
DETROIT, MICHIGAN

68 00145 NAT II
13-A
BOOZ ALLEN APPLIED RESEARCH, INC.,
BETHESDA, MD.
ANALYSIS OF THE FUNCTIONS OF
TRANSPORTATION-A CONCEPTUAL FRAMEWORK.#
GENERAL DISTRIBUTION
JUN 1966, 305 P, ILLUS, TABLES, REFS
CPR-11-2630
PB-173 419
TRANSPORTATION
ANALYSIS
PASSENGER VEHICLES
CARGO
URBAN AREAS
CONSTRUCTION
MAINTENANCE
COSTS
OPERATION
EFFECTIVENESS
MODEL TESTS
THEORY
SPECIFICATIONS
SCHEDULING
SAFETY

68 00146 NAT II
02-K
MOORE, D. F.
CORNELL AERONAUTICAL LAB., INC.,
BUFFALO, NY
A STUDY OF TIME-SURFACE INTERACTION FOR
THE CASE OF ROLLING ON A WET SURFACE.#
GENERAL DISTRIBUTION
1945, 70 P, ILLUS, TABLES
CPR-11-1058
CAL-R-YO-196-9-V-2
PB-173 454
AIRCRAFT TIRES
SURFACE PROPERTIES
PAVEMENTS
RUBBER
FRICTION
DAMPING
PRESSURE
DIFFERENTIAL EQUATIONS
DRAPING

68 00147 NAT II
13-A
STAGLY, W. A.
CONSAD RESEARCH CORP., PITTSBURGH,
PITTSBURGH, UNIV. CENTER FOR REGIONAL
ECONOMIC STUDIES.
DESIGN FOR IMPACT STUDIES NORTHEAST
CORRIDOR TRANSPORTATION PROJECT.#
GENERAL DISTRIBUTION
AUG 1967, 175 P, ILLUS, REFS
PB-173 684
DESIGN
SCIENCE
ECONOMICS
TRANSPORTATION
ANALYSIS
PASSENGERS
CARGO
MODELS /SIMULATION
MATHEMATICAL PROJECT
MANAGEMENT /SCHEDULING
NORTHEAST CORRIDOR
LAND USE

68 00148 NAT II
02-A
KUTZNER, P. A.
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
NEEDS FOR ENVIRONMENTAL STUDIES
GENERAL DISTRIBUTION
JUN 1966, 125 P
PB-173 686
SATELLITES /ARTIFICIAL/
SPACE TECHNOLOGY
STANDARDS

68 00149 NAT II
11-C
WITHINGTON, C. F.
GEOLOGICAL SURVEY, WASHINGTON, D. C.
GEOLOGIC SKETCH OF THE PROPOSED
NORTHEAST CORRIDOR HIGH-SPEED GROUND
TRANSPORT SYSTEM.#
GENERAL DISTRIBUTION
MAY 1966, 25 P, ILLUS
PB-173 511
TRANSPORTATION
GEOLOGY
TERRAIN
CONSTRUCTION
ROADS
HIGH SPEED GROUND TRANSPORTATION
NORTHEAST CORRIDOR
UNDERGROUND

68 00150 NAT II
08-D
SCOTT, B. E.
COMPUTING TECHNOLOGY, INC., PARAMUS, N. Y.
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
SURVEY OF COMPUTER-PROGRAM DOCUMENTATION
PRACTICES AT SEVEN FEDERAL GOVERNMENT
AGENCIES.#
GENERAL DISTRIBUTION
MAR 1967, 75 P, ILLUS, TABLES
PB-173 701
DOCUMENTATION
DATA PROCESSING SYSTEMS
PROGRAMMING /COMPUTERS/
SPECIFICATIONS
UNITED STATES GOVERNMENT
QUALITY CONTROL
OPERATION
MAINTENANCE
FEDERAL AGENCIES

68 00151 NAT U

12-B
HENTLEY, E.
GT. BRIT. AERONAUTICAL RESEARCH
COUNCIL.

THE LONGITUDINAL RESPONSE OF A
FLEXIBLE SLENDER AIRCRAFT TO RANDOM
TURBULENCE.#
GENERAL DISTRIBUTION
1967, 44 P, ILLUS, 27 REFS
ARC-RM-3456
AD-B18 005
TURBULENCE
SUPERSONIC PLANES
CRUISING
RESPONSE
ACCELERATION
PITCH /MOTION/
AEROELASTICITY
STRAIN /MECHANICS/

68 00152 NAT U

01-A
TALBOT, P.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.

TECHNIQUES FOR TESTS ON STRUCTURES
SUBJECT TO KINETIC HEATING.#
GENERAL DISTRIBUTION
DEC 1966, 17 P, ILLUS
RAF-TR-56192
AD-R22 764
TECHNIQUES
MEASUREMENT
SIMULATION
COOLING
HEATING
AIRFRAMES
CONVECTION

68 00153 NAT U

02-A
TIMBY, E. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.

NOTES ON THE SELECTION OF REFRIGERANTS
FOR AIRCRAFT VAPOUR CYCLE COOLING SYSTEMS.#
NO FOREIGN
JUN 1967, 22 P, ILLUS, 14 REFS
RAE-TR-67147
AD-B22 395
REFRIGERANTS
COOLING
AIRCRAFT
CHEMICAL PROPERTIES
THERMODYNAMICS
PRESSURE
VOLUME
COMPRESSIBILITY
HEAT TRANSFER
WEIGHT
TEMPERATURE
FREEZING
AZETROPES

68 00154 NAT U

10-G
BURNHAM, J.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.

A NOTE ON TURBULENCE PROBLEMS
ASSOCIATED WITH TAKE-OFF AND LANDING.#
NO FOREIGN
SEP 1967, 10 P, ILLUS, 9 REFS
RAE-TR-67240
AD-B22 712
TURBULENCE
TAKE-OFF
LANDING
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
JIT PLANES

68 00155 NAT U

02-F
DUKE, J. C.
NAVAL AIR DEVELOPMENT CENTER,
JOHNSVILLE, PENNA.

SURVEY OF FREQUENCY DOMAIN
SYNTHESIS TECHNIQUES BASED ON THE ROOTS
OF THE CHARACTERISTIC EQUATION.# PHASE I.
AUTOMATIC CONTROL SYSTEM SYNTHESIS
TECHNIQUES.
GENERAL DISTRIBUTION
SEP 1967, 30 P, BIBS, 29 REFS
NAAC-AM-5731
AD-658 506
FLIGHT CONTROL SYSTEMS
AUTOMATIC
FEEDBACK
LINEAR SYSTEMS
SYNTHESIS
THEORY

68 00156 NAT U

06-C
REINDEL, J. A.
NAVY ELECTRONICS LAB., SAN DIEGO, CALIF.

THE MULTITHROW MICROWAVE DIODE
SWITCH.# RESEARCH AND DEVELOPMENT
REPORT.
GENERAL DISTRIBUTION
JUN 1967, 34 P, ILLUS, 2 REFS
NEL-R-1468
AD-659 285
ANTENNAS
ELECTRONIC SWITCHES
DIODES
MICROWAVE EQUIPMENT

68 00157 NAT U

11
WILSON, J. J.
NAVY ELECTRONICS LAB., SAN DIEGO, CALIF.

THE OMEGA DIGITAL PHASE SHIFTER.#
GENERAL DISTRIBUTION
AUG 1967, 42 P, ILLUS
NELC-R-1503
AD-659 985
PHASE SHIFTERS
HYPERBOLIC NAVIGATION
VERY LOW FREQUENCY
OMEGA NAVIGATION

68 00158 NAT U

06-A
LIN, J. L.
CHEN, K. M.
MICHIGAN STATE UNIV., EAST LANSING.
ENGINEERING RESEARCH DIV.
AIR FORCE CAMBRIDGE RESEARCH LABS.,
L. G. HANSCOM FIELD, BEDFORD, MASS.

MODIFICATION OF BACKSCATTERING OF A
LOOP BY IMPEDANCE LOADING.#
GENERAL DISTRIBUTION
MAY 1967, 1967 P, ILLUS, 10 REFS
AF19/628/-5732
AFCRL-67-0429
AD-659 799
ELECTRICAL IMPEDANCE
SCATTERING
INTEGRAL EQUATIONS
RESONANCE
DIFFERENTIAL EQUATIONS
BACKSCATTER

68 00159 NAT U
02-I
SPEZIA, E.
ARMY BOARD FOR AVIATION ACCIDENT
RESEARCH, FORT RUCKER, ALA.
UNITED STATES ARMY HELICOPTER ACCIDENTS
INVOLVING FIRE.#
GENERAL DISTRIBUTION
JUL 1967, 24 P, ILLUS, TABLES, 19 REFS
USABAAR-R1-64
AD-658 080
ARMY
AIRCRAFT FIRES
ACCIDENT INVESTIGATION
AVIATION ACCIDENTS

68 00160 NAT U
02-D
JOHNSON, W. B.
ROGERS, J. H.
COOK, R. L.
ARMY AVIATION MATERIAL LAB.,
FORT EUSTIS, VA.
AIRCRAFT FUEL SYSTEMS DESIGN
STUDY.#
OFFICIAL USE ONLY
JUN 1967, 287 P, ILLUS, TABLES, 8 REFS
DA-44-177-AMC-422/T/
USAAVLABS-TR-67-33
AD-818 330
CRASHWORTHINESS
DESIGN
FUEL SYSTEMS
HELICOPTERS
MODIFICATION
UH-1B AIRCRAFT
UH-1D AIRCRAFT
CH-47 AIRCRAFT
UH-6A AIRCRAFT

68 00161 NAT U
09-B
BEATTY, H. A.
ETHYL CORP., FERNDALE, MICH.
JET FUEL DECONTAMINATION STUDIES.#
GENERAL DISTRIBUTION
JUL 1967, 46 P, TABLES, 1 REF
DA-44-009-AMC-1165/T/
ITR-GR-67-28
AD-818 061
JET ENGINE FUELS
DECONTAMINATION
CORROSION INHIBITION
SURFACE ACTIVE SUBSTANCES
DENSITY
FLUID FLOW
SANTOLINE C
COALESCENCE
PHYSICAL PROPERTIES

68 00162 NAT U
02-I
PETERSON, H. B.
JABLONSKI, F. J.
NEILL, R. P.
GILES, R. L.
THIVE, R. L.
NAVAL RESEARCH LAB., WASHINGTON, D. C.
FULL-SCALE FIRE MODELING TEST STUDIES
OF LIGHT WATER AND PROTEIN TYPE FOAMS.#
AUG 1967, 58 P, ILLUS, TABLES
NRL-R6573
AD-658 318
FOAMS
WATER
PROTEINS
MODEL TESTS
FIRE EXTINGUISHERS
EFFECTIVENESS
FIRE SAFETY
AIRCRAFT FIRES
FIRE CONTROL SYSTEMS

68 00163 NAT U
02-H
KENDRICK, G.
GENERAL ELECTRIC CO. ADVANCED TECHNOLOGY
AND DEMONSTRATION PROGRAMS DEPT. OF AERONAUTICS
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
RESULTS OF PHASE BELL COMPONENT AND
SCALE LIFT-CRUISE FAN TESTS. VOLUME 1.
SYSTEM REMOTE LIFT-CRUISE FAN INVESTIGATION
GENERAL DISTRIBUTION
MAR 1967, 257 P, ILLUS, TABLES
AF33/615-1027
AFAPL-TR-67-1
AD-847 197
VERTICAL TAKE-OFF LIFT
SHORT TAKE-OFF LIFT
LIFT
FANS
CRUISE
HELICOPTER PROCEDURES
DESIGN
TURING BLADE
DESIGN
SPAL STOPPERS/

68 00164 NAT U
05-G
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
TECHNICAL DATA AND STANDARDIZATION
GLOSSARY.#
GENERAL DISTRIBUTION
DEC 1965, 22 P
DOD-1D-2
AD-642 709
DATA
STANDARDIZATION
BIBLIOGRAPHIES

68 00165 NAT U
02-H
HOUGHTON, W. W.
NEARMAN, G. M.
RAYTHEON CO. MISSILE SYSTEM DIV.,
BEDFORD, MASS.
AIR FORCE AVIONICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
DEVELOPMENT OF LOW COST INERTIAL
GYRO.#
GENERAL DISTRIBUTION
JUN 1967, 92 P, ILLUS, TABLES, 4 REFS
AF33/615/-5159
AFAL-TR-67-104
AD-818 315L
TEST METHODS
GYROSCOPES
DESIGN
BALL BEARINGS
FAILURE MECHANICS/
ELECTROMAGNETIC PROPERTIES
PNEUMATIC SERVOMECHANISMS

68 00166 NAT U
05-A
ROMAN, J.
SATO, R. N. A.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
FLIGHT RESEARCH CENTER, EDWARDS AFB, CALIF.
A USEFUL MODIFICATION OF THE
WRIGHT SPIROMETER.#
GENERAL DISTRIBUTION
NOV 1967, 4 P, ILLUS, TABLES
NASA-TN-D-6234
N68-10057
GAS FLOW
METERS
RESPIRATION
VOLUME
SPIROMETER

68 00167

NAT U

01-C

STIVERS, L. S., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.

HYPERSONIC SPEEDS.#

GENERAL DISTRIBUTION

OCT 1967, 15 P, ILLUS

NASA-TN-D-4191

N67-40121

HYPERSONIC FLOW

DRAG

AERODYNAMIC CONFIGURATIONS

MACH NUMBER

SLENDER BODIES

68 00168

NAT U

06-K

SOVIE, R. J.

SEIKEL, G. R.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.

LEWIS RESEARCH CENTER, CLEVELAND, OHIO.

RADIO-FREQUENCY INDUCTION HEATING OF

LOW-PRESSURE PLASMAS.#

GENERAL DISTRIBUTION

OCT 1967, 60 P, ILLUS, TABLES, 19 REFS

NASA-TN-D-4206

N67-40223

RADIOFREQUENCY

HEATING

PRESSURE

PLASMA PHYSICS

THEORY

EQUATIONS

MAGNETIC FIELDS

ELECTRIC FIELDS

68 00169

NAT U

02-M

GIULIANETTI, D. J.

BIGGERS, J. C.

MAKI, R. L.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.

AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.

LONGITUDINAL AERODYNAMIC CHARACTERISTICS

IN GROUND EFFECT OF A LARGE-SCALE, V/STOL

MODEL WITH FOUR TILTING DUCTED FANS ARRANGED

IN A DUAL TANDEM CONFIGURATION.#

GENERAL DISTRIBUTION

OCT 1967, 22 P, ILLUS, TABLES

NASA-TN-D-4218

N67-39983

AERODYNAMIC CHARACTERISTICS

GROUND EFFECT

VERTICAL TAKE-OFF PLANES

SHORT TAKE-OFF PLANES

MODEL TESTS

DUCTED FANS

LIFT

HOVERING

PITCH /MOTION/

WIND TUNNELS

68 00170

NAT U

01-D

BROWN, C. E.

CHEN, C. F.

HYDRONAUTICS, INC., LAUREL, MD.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.

LANGLEY RESEARCH CENTER, LANGLEY STATION,

HAMPTON, VA.

AN ANALYSIS OF PERFORMANCE ESTIMATION

METHODS FOR AIRCRAFT.#

GENERAL DISTRIBUTION

OCT 1967, 56 P, ILLUS

NASA-CR-921

N67-40431

ANALYSIS

OPERATION

EFFECTIVENESS

WIND TUNNELS

LIFT

DRAG

WIND

AERODYNAMIC FORCES

BOUNDARY LAYER

68 00171

NAT U

09-B

AUSTIN, L. G.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,

WASHINGTON, D. C.

FUEL CELLS.#

GENERAL DISTRIBUTION

MAR 1966, 439 P, ILLUS, TABLES

NASA-SP-120

N67-40137

FUEL CELLS

ELECTRODES

ELECTROLYTES

LOW-TEMPERATURE RESEARCH

CONSTRUCTION

HIGH-TEMPERATURE RESEARCH

HYDROGEN

OXYGEN

PHOTOCHEMISTRY

BIOCHEMISTRY

ORGANIC COMPOUNDS

THEORY

THERMOCHEMISTRY

NITROGEN COMPOUNDS

THERMOGALVANIC

KINETICS

SODIUM AMALGAM

HYDRAZINE

NITRIC ACID

AMMONIA

68 00172

NAT U

06-A

RUBINSTEIN, I.

SLEVEN, R. L.

AIRBORNE INSTRUMENTS LAB.,

DEER PARK, N. Y.

ROME AIR DEVELOPMENT CENTER,

GRIFFISS AFB, N. Y.

SOLID-STATE SWITCH DEVELOPMENT.# FINAL

REPORT.

NO FOREIGN

NOV 1967, 40 P, ILLUS, TABLES, 8 REFS

ADL-TR-67-567

AD-822 889

SOLID STATE PHYSICS

ELECTRONIC SWITCHES

DESIGN

DIODES

SWITCHING CIRCUITS

BANDWIDTH

BAND-PASS FILTERS

X-BAND

68 00173
02-E
GAUL, J. W.
KAISER, R. P.
UNEGA, G. T.
DECANIO, F. T.
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
APPLICATION OF OPTIMAL CONTROL THEORY
TO VTOL FLIGHT CONTROL SYSTEM DESIGN.
NO FOREIGN
SEP 1967, 189 P, ILLUS, TABLES, 17 REFS
AF33/6157-5174
AFFDL-TR-67-102
AD-822 874
VERTICAL TAKE-OFF PLANES
FLIGHT CONTROL SYSTEMS
DESIGN
THEORY
STABILIZATION SYSTEMS
BLENDING
X-22 AIRCRAFT

NAT U

68 00174
06-C
SEELEY, E. W.
NAVAL ORDANCE LAB., CORONA, CALIF.
HORIZONTAL VLF TRANSMITTING ANTENNAS
NEAR THE EARTH.
GENERAL DISTRIBUTION
MAY 1967, 57 P, ILLUS, 7 REFS
NOLC-R-721
AD-653 851
VERY LOW FREQUENCY
ANTENNAS
TRANSMITTER-RECEIVERS
ELECTRICAL IMPEDANCE
ATTENUATION
RESONANCE
DIPOLE ANTENNAS
ANTENNA RADIATION PATTERNS

NAT U

68 00175
13-C
ABBOTT, M. R.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
A NUMERICAL METHOD FOR CALCULATING THE
DYNAMIC BEHAVIOUR OF A SIMPLE CATENARY
OVERHEAD CONTACT SYSTEM FOR ELECTRIC
RAILWAY TRACTION.
NO FOREIGN
JUL 1967, 40 P, ILLUS
RAE-TR-67156
AD-822 960
RAILROADS
MATHEMATICAL MODELS
ELECTRIC WIRE
DYNAMICS
CATENARY

NAT U

68 00176
04-E
GUTH, R. E. J.
GUTH, S. P. J.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
LOW SPEED WIND TUNNEL TESTS ON AN A. R. W
WEPT 4ING SUBSONIC TRANSPORT RESEARCH MODEL
WITH N. L. C. BLOWING OVER NOSE AND REAR
FLAPS FOR HIGH-LIFT.
NO FOREIGN
MAY 1967, 71 P, ILLUS, 8 REFS
RAE-TR-67117
AD-823 750
WIND TUNNELS
VELOCITY
WEPT WINGS
AIRCRAFT MODELS
TRANSPORT PLANES
PITCH /MOTION/
LIFT
FLAPS
STABILIZERS /HORIZONTAL TAIL SURFACES/
BOUNDARY LAYER
CONTROL
FLOWING
M.C. /BOUNDARY LAYER CONTROL/

NAT U

68 00177
04-E
LINDBERG, G. M.
CANADA. NATIONAL RESEARCH COUNCIL,
OTTAWA.
PROFILES AND POWER SPECTRA OF SOME
OFF-RUNWAY LANDING AREAS.
GENERAL DISTRIBUTION
MAR 1967, 33 P, ILLUS
NRC-NAE-LR-678
AD-823 097
LANDING FIELDS
SURFACE PROPERTIES
STATISTICAL ANALYSIS

NAT U

68 00178
02-E
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
VTOL FLIGHT CONTROL SYSTEMS.
GENERAL DISTRIBUTION
OCT 1966, 89 P, ILLUS
NASA-TT-F-10801
N67-25081
FLIGHT CONTROL SYSTEMS
RELIABILITY
ADAPTIVE CONTROL SYSTEMS
AUTOMATIC

NAT U

68 00179
02-E
NORTHROP CORP. NORTHROP NORAIR DIV.,
MANTHORNE, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
SUBSTANTIATING TECHNICAL DATA.
VOLUME III.
AIRCRAFT PRELIMINARY DESIGN REPORT
V/STOL JET OPERATIONS RESEARCH AIRPLANE
DESIGN STUDY.
GENERAL DISTRIBUTION
1967, 375 P, ILLUS, GRAPHS
NAS1-6777
NASA-CR 66419
N67-33579
AERODYNAMICS
PROPULSION
STRUCTURES
FLIGHT CONTROL SYSTEMS
STABILIZATION SYSTEM
SAS /STABILITY AUGMENTATION SYSTEM/
VSS /VARIABLE STABILITY SYSTEM/

NAT U

68 00180 NAT U
DOUGLAS, C. A.
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
PHOTOMETRIC EVALUATION OF A 500-WATT
NIGHT VISION FLOOD LIGHT.#
GENERAL DISTRIBUTION
NOV 1967, 11 P, ILLUS
FLOODLIGHTS
INTENSITY
PHOTOMETERS
CHECKOUT PROCEDURE

68 00181 R NAT U
03-E
SLUKA, A.
GARTER, H.
HENDERSON, J.
ROSSITER, S.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
TEST AND EVALUATION DIV., ATLANTIC CITY.
ATC CONCEPTS FOR SUPERSONIC VEHICLES.#
PART 11-2. INTERIM REPORT.
GENERAL DISTRIBUTION
NOV 1967, 67 P, ILLUS
PROJ-150-512-01X
FAA-RD-67-47
AD-663 120
SUPERSONIC TRANSPORTS
AIR TRAFFIC CONTROL SYSTEMS
FLIGHT SIMULATORS
TRANSOCEANIC
HANDLING
OPERATION
EFFECTIVENESS
ACCELERATION
OVERFLIGHT
PRESSURE
FEDERAL AVIATION ADMINISTRATION
ALPHA NUMERIC
LOS ANGELES INTERNATIONAL AIRPORT
SAN FRANCISCO INTERNATIONAL AIRPORT

68 00182 R NAT U
06-J
SHIRLEY, J. M.
FEDERAL AVIATION ADMINISTRATION,
AERONAUTICAL CENTER, OKLAHOMA CITY.
AN INVESTIGATION AND DEVELOPMENT OF
AN R80E-4 QUICK RECOVERY MODIFICATION.#
FINAL REPORT.
GENERAL DISTRIBUTION
OCT 1967, 18 P, RIRS
SRDS-PROJ-130-326-96A
FAA-RD-67-63
AD-663 123
DISPLAY SYSTEMS
BIRDS
FEDERAL AVIATION ADMINISTRATION
CONTROL
RECORDING DEVICES
FEASIBILITY STUDIES
RADAR EQUIPMENT
FLIGHT CHECK
AIRPORTS
RADIO NAVIGATION
AVIATION SAFETY
SCANNING
MONITORS
AIRPORT RADAR SYSTEMS
HAZARDS
DISPLAY SYSTEMS
FLIGHT INSTRUMENTS
COLLISIONS
DESIGN
CIRCUITS
MEASUREMENT

68 00183 NAT U
07-C
BETHEL, J. P.
AIRBORNE INSTRUMENTS LAB.,
DEER PARK, N. Y.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
J. C.
SEAL CONTROL, DISPLAY AND RECORDING
CONSOLE.# FINAL REPORT.
GENERAL DISTRIBUTION
AUG 1967, 112 P, ILLUS, TABLES
FA65WA-1382
FAA-PROJ-341-001-01N
SFDS-R-34-67022
AD-663 180
DISPLAY SYSTEMS
RECORDING DEVICES
FLIGHT CHECK
RADIO NAVIGATION
MONITORS
FLIGHT INSTRUMENTS
DESIGN
MEASUREMENT
SEAL /SIGNAL EVALUATION AIRBORNE LABORATORY/

68 00184 NAT U
02-I
SEUBERT, J. L.
BUREAU OF SPORT FISHERIES AND WILDLIFE,
WASHINGTON, D. C.
FEDERAL AVIATION ADMINISTRATION,
SYSTEMS RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
CONTROL BIRDS ON AND AROUND AIRPORTS.#
INTERIM REPORT.
GENERAL DISTRIBUTION
JUN 1967, 23 P, ILLUS
FA65WA-77
SRDS-RD-67-52
AD-663 159
BIRDS
CONTROL
AIRPORTS
AVIATION SAFETY
HAZARDS
COLLISIONS

68 00185 R NAT U
03-F
MEISNER, M.
VAN DUYN, E. N.
FAISON, M.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
ALTERNATIVE APPROACHES FOR REDUCING
DELAYS IN TERMINAL AREAS.#
GENERAL DISTRIBUTION
NOV 1967, 141 P, ILLUS, TABLES, RIRS
PROJ-177-611-0112
FAA-RD-67-70
AD-663 089
DELAY
AIRPORTS
FEDERAL AVIATION ADMINISTRATION
COSTS
AIR TRAFFIC CONTROL SYSTEMS
RUNWAYS
TAXIWAYS
INSTRUMENT LANDINGS
AUTOMATION
PASSENGERS
KENNEDY INTERNATIONAL AIRPORT
LA GUARDIA AIRPORT
NEWARK AIRPORT
WASHINGTON NATIONAL AIRPORT
CHICAGO O'HARE INTERNATIONAL AIRPORT
LOS ANGELES INTERNATIONAL AIRPORT
OAKLAND AIRPORT

68 00186 NAT U
04-D
SOCIETY OF AUTOMOTIVE ENGINEERS, INC.,
NEW YORK.
FEDERAL AVIATION ADMINISTRATION, AIRCRAFT
DEVELOPMENT SERVICE, WASHINGTON, D. C.
TECHNIQUE FOR DEVELOPING NOISE EXPOSURE
FORECASTS FOR J. F. KENNEDY
INTERNATIONAL AIRPORT.#
GENERAL DISTRIBUTION
AUG 1967, 5 P, TABLES
FA67WA-1706
FAA-US-67-15
AD-660 703
AIRPLANE NOISE
FATIGUE /MECHANICS/
MATHEMATICAL PREDICTION
AIRPORTS
PROGRAMMING /COMPUTERS/
OPERATION
FLIGHT PATH
RUNWAYS
WEIGHT
JET ENGINE NOISE
SCHEDULING
KENNEDY INTERNATIONAL AIRPORT

68 00187 NAT U
01-B
ABELKIS, P. R.
DUNGLAS AIRCRAFT CO., INC., LONG BEACH, CALIF.
SCATTER FACTORS AND DESIGN CHARTS.#
PART I.
FATIGUE STRENGTH DESIGN AND ANALYSIS
OF AIRCRAFT STRUCTURE*.
NO FOREIGN
JUN 1967, 116 P, ILLUS, TABLES, 59 REFS
AF33/615-3333
AFFDL-TR-66-197-PART-I
AD-818 959
FATIGUE /MECHANICS/
DESIGN
AIRFRAMES
LIFE EXPECTANCY
ALUMINUM ALLOYS
STATISTICAL ANALYSIS
DAMAGE

68 00188 NAT U
07-F
HALL, E. R.
PARKER, J. F., JR.
MEYER, D. E.
AEROSPACE MEDICAL RESEARCH LABS.,
WRIGHT-PATTERSON AFB, OHIO.
BIOTECHNOLOGY, INC., ARLINGTON, VA.
A STUDY OF AIR FORCE FLIGHT SIMULATOR
PROGRAMS.#
NO FOREIGN
JUN 1967, 109 P, ILLUS, 33 REFS
AF33/615/-2968
AMRL-TR-67-111
AD-818 957
AIR FORCE
FLIGHT SIMULATORS
TRAINING
AVIATION PERSONNEL
EFFECTIVENESS
DESIGN
SPECIFICATION
INSTRUCTORS

68 00189 NAT U
02-E
USMEINER, A. J.
UNITED AIRCRAFT CORP. HAMILTON STANDARD
DIV., WINDSOR LOCKS, CONN.
FLIGHT PATH CONTROL SYSTEM FLIGHT
TEST RESULTS AND DESCRIPTION.# FINAL
REPORT. VOLUME I.
GOVERNMENT AGENCIES ONLY
JUL 1967, 75 P, ILLUS
NOW-66-0596-D
HSEK-FR-4473
AD-818 927
FLIGHT PATH
FLIGHT CONTROL SYSTEMS
FLIGHT TESTING
HOVERING
AUTOMATIC
HELICOPTERS
FEASIBILITY STUDIES
NAVIGATION
TRANSITION FLIGHT
FLIGHT CHARACTERISTICS

68 00190 NAT U
02-D
DERVIN, W. H.
MOSS, H. S.
RINGER, F. H.
ARMY, CORPS OF ENGINEERS, ENGINEER WATERWAYS
EXPERIMENT STATION, VICKSBURG, MISS.
FAIRCHILD MILLER CORP., FARMINGDALE, N. Y.
RESEARCH STUDY FOR THE DESIGN OF A
PORTABLE VTOL BLAST CONTROLLING
PLATFORM.# FINAL REPORT.
NO FOREIGN
JUN 1967, 94 P, ILLUS, TABLES, 12 REFS
DACA-3967-C-0003
RA-076R1000
AD-818 913
DESIGN
VERTICAL TAKE-OFF PLANES
FEASIBILITY STUDIES
THERMODYNAMICS
EXHAUST DIFFUSERS
MATERIALS
STRUCTURAL PARTS
LOADING /MECHANICS/
TURBOJET ENGINES
BLAST CONTROLLING PLATFORM

68 00191 NAT U
06-C
ANDREASEN, M. G.
TANNER, H. L.
TRG, INC., MELVILLE, N. Y.
ARMY ELECTRONICS COMMAND, FORT
MONMOUTH, N. J.
INVESTIGATION OF GENERAL WIRE
ANTENNAS.# FINAL REPORT.
GOVERNMENT AGENCIES ONLY
AUG 1967, 82 P, ILLUS, 16 REFS
DA-28-043-AMC-02373/E/
ECOM-02373F
AD-819 198
ANTENNAS
INTEGRAL EQUATIONS
ELECTRIC CURRENT
ELECTRICAL IMPEDANCE
ANTENNA RADIATION PATTERNS
TRANSMITTER-RECEIVERS
DIPLOLE ANTENNAS
ANTENNA CONFIGURATIONS
VERY HIGH FREQUENCY
LOG PERIODIC ANTENNAS

68 00192 NAT U
01-F
ROTH, G. J.
RYAN, J. P.
SLIEMERS, I. C.
DAYTON, OHIO. UNIV. RESEARCH INST.
AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO.
PARAMETRIC FATIGUE ANALYSIS OF
USAF AIRCRAFT.#
NO FOREIGN
JUN 1967, 194 P, ILLUS, TABLES, 24 REFS
AF33/615/-3812
AFFDL-TR-67-89
AD-819 196
FATIGUE /MECHANICS/
ANALYSIS
AIR FORCE
MILITARY AIRCRAFT
FIGHTERS
BOMBERS
TRANSPORT PLANES
DAMAGE
FLIGHT TESTING
MAINTENANCE
ENVIRONMENTAL TESTS
GUST LOAD
MANEUVERABILITY
FLIGHT CHARACTERISTICS

68 00193 NAT U
02-D
HERR, E. A.
GENERAL ELECTRIC CO. SEMICONDUCTOR PRODUCTS
DEPT., AUBURN, N. Y.
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
TECHNIQUES FOR THE CONTROL OF
INTEGRATED CIRCUIT QUALITY AND
RELIABILITY.# VOLUME II APPENDICES.
NO FOREIGN
JUN 1967, 317 P, ILLUS, TABLES
AF33/615/-2716
AFML-TR-67-147-VOL-II
AD-819 192
QUALITY CONTROL
INTEGRATED CIRCUITS
RELIABILITY
COMPUTERS
STATISTICAL ANALYSIS
CORRELATION TECHNIQUES
FAILURE /MECHANICS/
STRESSES
MEASUREMENT
TEG /TEST ELEMENT GROUP/
ICC /INTEGRATED CIRCUIT CORRELATION/

68 00194 NAT U
06-D
HERR, E. A.
GENERAL ELECTRIC CO. SEMICONDUCTOR PRODUCTS
DEPT., AUBURN, N. Y.
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
TECHNIQUES FOR THE CONTROL OF
INTEGRATED CIRCUIT QUALITY AND RELIABILITY.#
VOLUME I.
NO FOREIGN
JUN 1967, 330 P, ILLUS
AFML-TR-67-147
AD-819 191
QUALITY CONTROL
INTEGRATED CIRCUITS
RELIABILITY
DESIGN
MEASUREMENT
STRESSES
FAILURE /MECHANICS/
PROCUREMENT
SPECIFICATIONS
TEG /TEST ELEMENT GROUP/

68 00195 NAT U
06-E
MAYDON, G. W.
NATIONAL BUREAU OF STANDARDS, BOULDER, COLO.
TECHNICAL CONSIDERATIONS IN THE
SELECTION OF FREQUENCIES FOR COMMUNICATION
WITH, VIA AND BETWEEN SPACE VEHICLES.#
GENERAL DISTRIBUTION
DEC 1962, 76 P, ILLUS
NBS-R-7250
RADIOFREQUENCY
SPACE COMMUNICATION SYSTEMS
SURFACE-TO-AIR
PROPAGATION
ATTENUATION
REFRACTION
SCATTERING
PHASE STUDIES
NOISE /RADIO/
SIGNAL-TO-NOISE RATIO

68 00196 NAT U
06-C
BARSIS, A. P.
MILES, M. J.
NATIONAL BUREAU OF STANDARDS, BOULDER, COLO.
CUMULATIVE DISTRIBUTIONS OF VHF FIELD
STRENGTH OVER IRREGULAR TERRAIN USING
LOW ANTENNA HEIGHTS.#
GENERAL DISTRIBUTION
OCT 1965, 129 P, ILLUS
NBS-R-8891
VERY HIGH FREQUENCY
ANTENNAS
TERRAIN
ANTENNA RADIATION PATTERNS
MEASUREMENT
ATTENUATION
WAVE TRANSMISSION

68 00197 NAT U
04-C
DAVIS, J. E.
SIMEROY, J. W.
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
BUREAU OF NAVAL WEAPONS, WASHINGTON, D. C.
A SUB APPROACH BEACON.#
GENERAL DISTRIBUTION
FEB 1966, 9 P, ILLUS
NBS-PROJ-2120414
NBS-R-9045
BEACONS
APPROACH LIGHTS
RUNWAYS

68 00198 NAT U
04-C
WALL, A. C.
NATIONAL BUREAU OF STANDARDS, WASHINGTON,
D. C.
NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C.
PHOTOMETRIC CHARACTERISTICS OF U. S.
AIRPORT LIGHTS.#
GENERAL DISTRIBUTION
APR 1967, 101 P, ILLUS
NBS-PROJ-2120414
NBS-R-9350
AIRPORTS
LIGHTING EQUIPMENT
PHOTOMETERS
NIGHT FLIGHT
INTENSITY

68 00199 NAT U
04-C
VAUGHAN, R. T.
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C.
TESTING OF CODED HELIPORT BEACONS.
GENERAL DISTRIBUTION
NOV 1966, 2 P, ILLUS
NBS-R-9440
HELICOPTERS
LANDING FIELDS
TEST METHODS
BEACONS
INDICATOR LIGHTS

68 00200 NAT U
04-C
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
DEVELOPMENT, TESTING, AND EVALUATION OF
VISUAL LANDING AIDS CONSOLIDATED PROGRESS
REPORT FOR THE PERIOD APRIL 1 TO JUNE 30,
1966.
GENERAL DISTRIBUTION
JUN 1966, 8 P, ILLUS
NBS-R-9443
DESIGN
TEST METHODS
INDICATOR LIGHTS
ANALYSIS
VISIBILITY
METERS
FOG
LIGHTING EQUIPMENT

68 00201 NAT U
04-C
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
DEVELOPMENT, TESTING, AND EVALUATION OF
VISUAL LANDING AIDS CONSOLIDATED PROGRESS
REPORT FOR THE PERIOD JULY 1 TO SEPTEMBER
30, 1966.
GENERAL DISTRIBUTION
NOV 1966, 10 P
NBS-R-9453
DESIGN
TEST METHODS
ANALYSIS
LANDING AIDS
VISIBILITY
METERS
FOG
LIGHTING EQUIPMENT
INDICATOR LIGHTS
INTENSITY

68 00202 NAT U
04-C
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
DEVELOPMENT, TESTING, AND EVALUATION OF
VISUAL LANDING AIDS CONSOLIDATED PROGRESS
REPORT FOR THE PERIOD OCTOBER 1 TO
DECEMBER 31, 1966.
GENERAL DISTRIBUTION
JAN 1967, 12 P
NBS-R-9484
DESIGN
TEST METHODS
ANALYSIS
LANDING AIDS
VISIBILITY
FOG
DETECTORS
METERS
LIGHTING EQUIPMENT
INDICATOR LIGHTS

68 00203 NAT U
04-C
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
DEVELOPMENT, TESTING, AND EVALUATION
OF VISUAL LANDING AIDS CONSOLIDATED
PROGRESS REPORT FOR THE PERIOD JANUARY 1
TO MARCH 31, 1967.
GENERAL DISTRIBUTION
MAY 1967, 13 P, ILLUS
NBS-R-9540
DESIGN
TEST METHODS
LANDING AIDS
VISIBILITY
LIGHTING EQUIPMENT
INDICATOR LIGHTS
ANALYSIS

68 00204 NAT U
04-C
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
DEVELOPMENT, TESTING, AND EVALUATION OF
VISUAL LANDING AIDS CONSOLIDATED PROGRESS
REPORT FOR THE PERIOD APRIL 1 TO
JUNE 30, 1967.
GENERAL DISTRIBUTION
AUG 1967, 9 P, ILLUS
NBS-R-9608
DESIGN
TEST METHODS
LANDING AIDS
VISIBILITY
LIGHTING EQUIPMENT
INDICATOR LIGHTS
ANALYSIS

68 00205 NAT U
06-J
ARMJO, L.
DEPARTMENT OF COMMERCE, INSTITUTES FOR
ENVIRONMENTAL RESEARCH, NORMAN, OKLA.
A THEORY FOR THE DETERMINATION OF
WIND AND PRECIPITATION VELOCITIES WITH
DOPPLER RADARS.
GENERAL DISTRIBUTION
AUG 1967, 20 P, ILLUS, 2 REFS
JERTH-NSSL-35
N68-10034
THEORY
WIND
MEASUREMENT
ATMOSPHERIC PRECIPITATION
VELOCITY
DOPPLER RADAR
DIFFERENTIAL EQUATIONS
LINEAR SYSTEMS

68 00206 NAT U
01-D
TURNER, T. R.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
A MOVING-BELT GROUND PLANE FOR WIND-
TUNNEL GROUND SIMULATION AND RESULTS FOR
TWO JET-FLAP CONFIGURATIONS.
GENERAL DISTRIBUTION
NOV 1967, 37 P, ILLUS
NASA-TN-D-4228
N68-10060
WIND TUNNELS
SIMULATION
JET FLAPS
GROUND EFFECT
BOUNDARY LAYER

68 00207 NAT U
02-A
HOWICK, G. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
CONTAMINATION CONTROL PRINCIPLES.#
GENERAL DISTRIBUTION
1967, 95 P, ILLUS
NASA-W-12324
NASA-SP-5043
N68-10384
CONTROL
CONTAMINATION
STANDARDS
LIQUIDS
GASES
SOLIDS
MICROORGANISMS
MONITORS
TRANSPORTATION
STORAGE
PERSONNEL MANAGEMENT
SANITATION

68 00208 NAT U
06-F
PELLEGRINO, J. A.
ROSENBAUM, J. L.
AEROSPACE PRODUCTS RESEARCH CORP.,
SANTA MONICA, CALIF.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, WASHINGTON, D. C.
COMPUTER DRIVEN ELECTROLUMINESCENT
VERTICAL SCALE INDICATOR.#
GENERAL DISTRIBUTION
NOV 1967, 37 P, ILLUS
NAS-7-420
NASA-CR-919
N68-10648
COMPUTERS
ELECTROLUMINESCENCE
DESIGN
THEORY
OPERATION
ELECTRONIC EQUIPMENT
SIMULATION
ENVIRONMENTAL TESTS
PHOTOELECTRIC MATERIALS

68 00209 NAT U
02-L
DIEDRICH, G. E.
GAHAN, J. W.
GENERAL ELECTRIC CO., CINCINNATI,
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, WASHINGTON, D. C.
DESIGN OF TWO ELECTROMAGNETIC
PUMPS.#
GENERAL DISTRIBUTION
NOV 1967, 92 P, ILLUS, TABLES, 20 REFS
NAS-3-8500
NASA-CR-911
N68-10503
DESIGN
ELECTROMAGNETIC PUMPS
HEAT EXCHANGERS
THERMAL INSULATION
DUCTS

68 00210 NAT U
07-D
SERENDIPITY ASSOCIATES, CHATSWORTH, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
AMES RESEARCH CENTER, HOFFETT FIELD, CALIF.
A DESCRIPTIVE MODEL FOR DETERMINING
OPTIMAL HUMAN PERFORMANCE IN SYSTEMS.#
VOLUME IV. FINAL SUMMARY REPORT.
GENERAL DISTRIBUTION
NOV 1967, 47 P
NAS-2-2955
NASA-CR-679
N68-10381
HUMAN ENGINEERING
OPERATION
EFFECTIVENESS
SPACE TECHNOLOGY
MAN-MACHINE SYSTEMS

68 00211 NAT U
06-A
GODWIN, E. F.
REILLY, G. J.
ARMY ELECTRONICS COMMAND,
FORT MONMOUTH, N. J.
FLAT CABLES FOR LIGHTWEIGHT
INTERCONNECTIONS.#
GENERAL DISTRIBUTION
DEC 1965, 40 P, ILLUS, 6 REFS
AD-477 970
ELECTRIC CABLES
DESIGN
TENSILE PROPERTIES
THERMAL INSULATION
RESISTANCE /ELECTRICAL/
DIELECTRIC PROPERTIES
INTERCONNECTIONS

68 00212 NAT U
05-G
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
REVIEW OF LONG-TERM MEDICAL RESEARCH
ON AGING OF AVIATION PERSONNEL.#
GENERAL DISTRIBUTION
APR 1966, 17 P
B-156315
AGING /PHYSIOLOGY/
MEDICAL RESEARCH
AVIATION PERSONNEL
MEASUREMENT

68 00213 NAT U
06-F
BROWN, A. F. A.
EUROPEAN ATOMIC ENERGY COMMUNITY.
THE COMPILER LANGUAGE PROGRAMMING
MANUAL.# VOLUME II.
THE COMPILATION AND PROCESSING OF
IBM 1401 PROGRAMS ON IBM 7090.
GENERAL DISTRIBUTION
1966, 139 P
EUR-2637.E
N66-21206
PROGRAMMING /COMPUTERS/
HANDBOOKS
DATA PROCESSING SYSTEMS
IBM 1401
IBM 7090
COMPILATION

68 00214 NAT U
06-F
BROWN, A. F. R.
EUROPEAN ATOMIC ENERGY COMMUNITY.
THE COMPILER PROGRAM DESCRIPTION.
THE COMPILATION AND PROCESSING OF
IBM 1401 PROGRAMS ON IBM 7090.
GENERAL DISTRIBUTION
1966, 129 P
EUR-2637.E
N66-21231
PROGRAMMING /COMPUTERS/
DATA PROCESSING SYSTEMS
INSTRUCTION MANUALS
IBM 1401
IBM 7090
COMPILATION

68 00215 NAT U
06-F
BROWN, A. F. R.
EUROPEAN ATOMIC ENERGY COMMUNITY.
THE SIMULATOR PROGRAM. VOLUME III.
THE COMPILATION AND PROCESSING OF IBM 1401
PROGRAMS ON IBM 7090.
GENERAL DISTRIBUTION
1966, 59 P
EUR-2637.E
N66-21232
PROGRAMMING /COMPUTERS/
DATA PROCESSING SYSTEMS
INSTRUCTION MANUALS
IBM 1401
IBM 7090
COMPILATION

68 00216 NAT U
06-E
BOOR, S.
HARVEY, M.
PELCHAT, G.
RADIATION, INC., MELBOURNE, FLA.
SINGLE CHANNEL MONOPULSE TECHNIQUES.
FINAL REPORT.
GENERAL DISTRIBUTION
JUN 1967, 267 P, ILLUS, 28 REFS
AF30/602/-4035
RADC-TR-67-143
AD-819 141
TECHNIQUES
MULTIPLEX
ANTENNAS
NOISE /RADIO/
PULSE COMMUNICATION SYSTEMS
COMMUNICATION SATELLITES /ACTIVE/

68 00217 NAT U
10-F
ADAMS, G. M.
BANKS, W. U.
RANGHAUSER, A. F.
SEAN, B. R.
MERRY, L. A.
LILLELO, M. A.
BRISTON, C. L.
BRUDRICK, H. J.
CIUNCO, R. M.
AIR WEATHER SERVICE, WASHINGTON, D. C.
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE 4-7 APRIL 1967.
NO FOREIGN
JUL 1967, 307 P, ILLUS
AWS-TR-196
AD-819 186
METEOROLOGICAL INSTRUMENTS
SATELLITES /ARTIFICIAL/
DATA
SOLAR ATMOSPHERE
METEOROLOGY
WEATHER FORECASTING
BOUNDARY LAYER
MATHEMATICAL MODELS
DIURNAL VARIATIONS
IONOSPHERIC PROPAGATION
METEOROLOGICAL PHENOMENA
SYMPOSIA

68 00218 NAT U
06-C
JRKOWITZ, M.
ZEGAR, A. E.
THOMSON, D. N.
BANTA, E. D.
GENERAL ATRONICS CORP., PHILADELPHIA.
AIRBORNE PHASED ARRAY TECHNIQUES.
FINAL REPORT.
NO FOREIGN
AUG 1967, 163 P, ILLUS, 16 REFS
AF33/615/-5443
AFAL-TR-67-200
AD-818 967
RADAR ANTENNAS
ANTENNA CONFIGURATIONS
THEORY
SYNCHRONIZATION /ELECTRONICS/
X-BAND
PHASE SHIFTERS
TRANSMITTER-RECEIVERS
TRANSMITTER-RECEIVERS
BEAMS /ELECTROMAGNETIC/ 5229.00

68 00219 NAT U
11
DEAN, J. G.
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
AN EXPERIMENTAL INVESTIGATION OF SOME
ASPECTS OF FREQUENCY STABILITY IN A
PROPOSED SHORT-RANGE, PRECISE NAVIGATION
SYSTEM.
NO FOREIGN
JUN 1967, 104 P, ILLUS, 9 REFS
AD-819 548
NAVIGATION
STABILITY
TEMPERATURE
PROPAGATION
DATA PROCESSING SYSTEM
OSCILLATORS
TRANSMITTER-RECEIVERS
TEST METHODS
PHASE STUDIES
FREQUENCY
NAVIGATIONAL AIDS

68 00220 NAT U
02-E
NIELSEN, D. R.
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
DERIVATION OF AN AUTOMATIC AIRCRAFT
ELEVATOR CONTROLLER.0
NO FOREIGN
JUN 1967, 59 P, ILLUS, 3 REFS
AD-818 983
ELEVATORS
CONTROL SYSTEMS
AUTOMATIC
INSTRUMENT LANDINGS
DESIGN
MATHEMATICAL MODELS
FLAREOUT
THEORY
MODEL TESTS
COMPUTERS

68 00221 NAT U
02-A
SILPHAN, R. A.
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
A USE OF COMPUTER FLIGHT PLANNING
TO DETERMINE OPTIMUM CRUISE ALTITUDES FOR
THE P-3 ORION UNDER VARIOUS WIND
CONDITIONS.0
NO FOREIGN
JUN 1967, 71 P, ILLUS, 2 REFS
AD-819 553
COMPUTERS
FLIGHT PLANS
CRUISING
ALTITUDE
WIND
CLIMBING
DESCENT
MILITARY AIRCRAFT
ANTISUBMARINE AIRCRAFT
P-3 ORION AIRCRAFT

68 00222 NAT U
08-L
WENDLAND, G. E.
AIR FORCE COMMUNICATIONS SERVICE, OPERATIONS
RESEARCH ANALYSIS OFFICE, SCOTT AFB, ILL.
NO-BREAK POWER SYSTEMS,
OPERATIONAL AND COST ANALYSIS.0 PART II.
OPERATIONS ANALYSIS OF AIR FORCE
COMMUNICATIONS SERVICE FIXED GROUND
POWER.
NO FOREIGN
JUL 1967, 90 P, ILLUS, TABLES
AD-819 554
OPERATION
COSTS
ANALYSIS
COMMUNICATION EQUIPMENT
DESIGN
EFFECTIVENESS
FAILURE /MECHANICS/
POWER EQUIPMENT
HYDRAULIC SYSTEM
BATTERIES & COMPONENTS
DIESEL ENGINES

68 00223 NAT U
06-J
LUNGER, J. L.
HAMMERLE, K. J.
BOEING CO., SEATTLE.
TARGET RESOLUTION IMPROVEMENT FROM
FREQUENCY AGILITY.0
GENERAL DISTRIBUTION
JAN 1963, 23 P, ILLUS, 4 REFS
02-90248
AD-819 305
RADAR TARGETS
RESOLUTION
MATHEMATICAL ANALYSIS
BANDWIDTH

68 00224 NAT U
10-A
IMVANTOV, I. M.
CHUBARINA, E. V.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, WASHINGTON, D. C.
ELECTRICITY OF THE FREE ATMOSPHERE.0
GENERAL DISTRIBUTION
1967, 212 P, ILLUS
NASA-TT-P-425
TT67-51374
N68-10079
ELECTRICITY
ATMOSPHERE
ELECTRIC FIELDS
DATA PROCESSING SYSTEMS
DIURNAL VARIATIONS
CLOUDS
INTENSITY
ALTITUDE

68 00225 NAT U
01-D
TURNER, T. R.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, LANGLEY RESEARCH
CENTER, LANGLEY STATION, HAMPTON, VA.
WIND-TUNNEL INVESTIGATION OF A
3/8-SCALE AUTOMOBILE MODEL OVER A
MOVING-BELT GROUND PLANE.0
GENERAL DISTRIBUTION
NOV 1967, 34 P, ILLUS, 2 REFS
NASA-TN-D-4229
N68-10093
WIND TUNNEL MODELS
PASSENGER VEHICLES
GROUND EFFECT
BOUNDARY LAYER
LIFT
AERODYNAMIC CHARACTERISTICS

68 00226 NAT U
02-E
RODGERS, D. L.
HONEYWELL, INC., MINNEAPOLIS.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, WASHINGTON, D. C.
DEVELOPMENT AND FLIGHT TESTING OF
A FLUIDIC FLIGHT CONTROL SYSTEM.0
GENERAL DISTRIBUTION
OCT 1967, 137 P, ILLUS
NAS-4-763
NASA-CR-913
N68-10047
DESIGN
FLIGHT TESTING
FLIGHT CONTROL SYSTEMS
AUTOMATIC
SYSTEMS ENGINEERING
STABILITY
ROLL
PITCH /MOTION/
POWER SUPPLIES
ENVIRONMENTAL TESTS
UTILITY PLANES
AERO COMMANDER 600 FP AIRCRAFT

68 00227 NAT U
06-U
MELPAR, INC., FALLS CHURCH, VA.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, WASHINGTON, D. C.
THIN-FILM PERSONAL COMMUNICATIONS AND
TELEMETRY SYSTEM /TFPCTS/.#
GENERAL DISTRIBUTION
NOV 1967, 29 P, ILLUS
NAS-9-3924
NASA-CR-914
N68-10420
THIN FILMS /STORAGE DEVICES/
COMMUNICATION SYSTEMS
TELEMETRY SYSTEMS
TRANSMITTER-RECEIVERS
DESIGN
CONSTRUCTION
CIRCUITS

68 00228 NAT U
02-K
SALCEDO, F. S.
AERONAUTICAL GENERAL CORP., AZUSA, CALIF.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
RESEARCH TO OPTIMIZE THE FILAMENT-WOUND
TOROIDAL TIRE TO PROVIDE PERFORMANCE TO TESTS
OF SPECIFICATION MIL-T-5041D AT MINIMUM
WEIGHT.#
NO FOREIGN
JUN 1967, 76 P, ILLUS, TABLES
AF33/6157-5024
AFML-TN-67-154
AD-818 075
MILITARY REQUIREMENTS
AIRCRAFT TIRES
WEIGHT
PRESSURE
TEST METHODS
DESIGN

68 00229 NAT U
06-C
GRUBER, J. R.
CARTER, S. A.
ARMY ELECTRONICS RESEARCH AND
DEVELOPMENT LAB., FORT MONMOUTH, N. J.
AIRCRAFT VHF ANTENNA.#
GENERAL DISTRIBUTION
JUL 1967, 18 P, ILLUS, 2 REFS
DAAB07-67-C-0101
PROJ-AMC-5642-16-961-11-03
ECOM-0101-6
AD-818 378
VERY HIGH FREQUENCY
ANTENNAS
DESIGN
MILITARY AIRCRAFT
RADIO EQUIPMENT
TRANSMITTER-RECEIVERS

68 00230 NAT U
09-A
PETERS, D. W. A.
GT, BRIT. ARMY PERSONNEL RESEARCH
ESTABLISHMENT.
REPORT ON A PROTOTYPE WET BULB GLOBE
THERMOMETER INDEX METER FOR SERVICE USE.#
GENERAL DISTRIBUTION
MAR 1967, 10 P, ILLUS, TABLES, 5 REFS
APRE-NM-P/4
AD-818 181
THERMOMETERS
CALIBRATION
TEST METHODS
DESIGN

68 00231 NAT U
04-E
FLOPPAN, E. F.
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
LOADING FACTORS AND FDM-1N SYSTEM
PERFORMANCE CALCULATIONS.#
GENERAL DISTRIBUTION
SEP 1967, 19 P
NBS-100-A
EFFECTIVENESS
MULTIPLIER
FREQUENCY MODULATION
TELEPHONE COMMUNICATION SYSTEM
EQUATIONS
RADIO SIGNALS
RADIOFREQUENCY
OPERATION

68 00232 NAT U
02-L
HOUGHTON, J. R.
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
VOLTAGE RATIO DETECTOR FOR
MILLIVOLT SIGNALS.#
GENERAL DISTRIBUTION
DEC 1965, 12 P, ILLUS, 3 REFS
NBS-TN-266
ELECTRIC POTENTIAL
DETECTORS
SIGNALS
ALTERNATING CURRENT
DIRECT CURRENT
DESIGN
MEASURING DEVICES /ELECTRICAL AND ELEC

68 00233 NAT U
02-L
MARZETTA, L. A.
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
A PEAK AC-DC VOLTAGE COMPARATOR FOR
USE IN A STANDARDS LABORATORY.#
GENERAL DISTRIBUTION
JAN 1966, 19 P, ILLUS, TABLES
NBS-TN-280
DIRECT CURRENT
MAGNETIC TAPES
DETECTORS
ALTERNATING CURRENT
RECORDING DEVICES
ELECTRIC POTENTIAL
RECTIFIER
FILTERS /ELECTROMAGNETIC WAVE/
VOLTMETERS
DIODES
THERMOMETERS
AMPLIFIERS
POWER SUPPLIES
LOW TEMPERATURE RESEARCH
POWER EQUIPMENT
PRESSURE
COMPARATOR

68 00234 NAT U
 06-A
 ROBBINS, D.
 ENGLERT, A. J.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 DISCLOSURES ON MAGNETIC TAPE HANDLER
 FOCUS DETECTOR, MULTI-PEN RECORDER, SIGNAL
 AVERAGING FILTER, ELECTROSTATIC RMS VOLTMETER,
 BACK-UP RING FOR O-RINGS, AND LOW TEMPERATURE
 SOLID STATE THERMOMETER.#
 GENERAL DISTRIBUTION
 APR 1966, 28 P, ILLUS
 NBS-TN-287
 MAGNETIC TAPES
 DETECTORS
 RECORDING DEVICES
 FILTERS /ELECTROMAGNETIC WAVE/
 VOLTMETERS
 THERMOMETERS
 LOW TEMPERATURE RESEARCH
 PRESSURE

68 00235 NAT U
 08-D
 ALT, F. L.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 INFORMATION HANDLING IN THE NATIONAL
 STANDARD REFERENCE DATA SYSTEM.#
 GENERAL DISTRIBUTION
 JUL 1966, 24 P
 NBS-TN-290
 DATA PROCESSING SYSTEMS
 INFORMATION RETRIEVAL
 STORAGE
 COMPUTERS
 DOCUMENTATION
 UPDATING /COMPUTERS/

68 00246 NAT U
 08-D
 HENDERSUN, M. M.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 EVALUATION OF INFORMATION SYSTEMS -
 A SELECTED BIBLIOGRAPHY WITH INFORMATIVE
 ABSTRACTS.#
 GENERAL DISTRIBUTION
 DEC 1967, 209 P
 NBS-TN-297
 BIBLIOGRAPHIES
 ABSTRACTS
 INFORMATION RETRIEVAL
 OPERATION
 EFFECTIVENESS
 ANALYSIS

68 00237 NAT U
 10-A
 HARK, D. M.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 AN ATLAS OF SOLAR FLARE EFFECTS IN
 THE IONOSPHERE OBSERVED WITH A HIGH-
 FREQUENCY DOPPLER TECHNIQUE.#
 GENERAL DISTRIBUTION
 DEC 1965, 126 P, ILLUS, TABLES
 NBS-TN-326
 SOLAR FLARES
 IONOSPHERIC DISTURBANCES
 HIGH FREQUENCY
 DOPPLER SYSTEM
 TECHNIQUES
 SOLAR /SOLAR FREQUENCY DEVIATIONS/

68 00238 NAT U
 06-B
 HARDING, M. B.
 WOODWARD, M. W.
 CARROLL, J. C.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 A 100 KW 2-25 MC/S DISTRIBUTED
 AMPLIFIER, DESIGNED FOR USE WITH 10 KW
 IONOSPHERIC SOUNDERS.#
 GENERAL DISTRIBUTION
 FEB 1966, 18 P, ILLUS, 7 REFS
 NBS-TN-331
 AMPLIFIERS
 DESIGN
 IONOSPHERE
 ATMOSPHERIC SOUNDING
 THEORY
 CONSTRUCTION
 TEST METHODS
 BACKSCATTER

68 00239 NAT U
 06-A
 GREENE, F. M.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 A NEW NEAR-ZONE ELECTRIC FIELD-STRENGTH
 METER.#
 GENERAL DISTRIBUTION
 NOV 1966, 47 P, ILLUS, TABLES, BIBS
 NBS-TN-345
 METERS
 ELECTRIC FIELDS
 TRANSMISSION LINES
 PLASTICS
 OPERATION
 DESIGN
 DIPOLE ANTENNAS
 ATTENUATION
 DETECTORS
 LOW FREQUENCY
 HIGH FREQUENCY
 TEST METHODS
 FIELD EMISSION

68 00240 NAT U
 06-E
 JESPERSEN, J. L.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 SIGNAL DESIGN FOR TIME DISSEMINATION -
 SOME ASPECTS.#
 GENERAL DISTRIBUTION
 NOV 1967, 38 P, ILLUS, 11 REFS
 NBS-TN-357
 SIGNALS
 DESIGN
 TIME
 DISTRIBUTION
 COMMUNICATION THEORY
 BANDWIDTH
 VERY LOW FREQUENCY
 NOISE
 SYNCHRONIZATION /ELECTRONICS/
 MATHEMATICAL ANALYSIS

68 00241 NAT U
 09-C
 SCAFFEN, R.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 ORGANIC CHEMISTRY - AIR POLLUTION STUDIES -
 CHARACTERIZATION OF CHEMICAL STRUCTURES -
 SYNTHESIS OF RESEARCH MATERIALS - NOVEL
 RESEARCH MATERIALS - ISOTOPIC METHODS FOR
 ANALYSIS OF CARBOHYDRATES - OCCURRENCE,
 PREPARATION, AND PROPERTIES OF NATURALLY
 OCCURRING MONOSACCHARIDES INCLUDING 6-DEOXY
 /ORGANIC JULY 1966 THROUGH JUNE 1967/
 GENERAL DISTRIBUTION
 JUN 1967, 74 P, ILLUS, TABLES, 47 FIG
 NBS-TN-427
 ORGANIC COMPOUNDS
 ATMOSPHERIC POLLUTION
 SYNTHESIS
 CARBOHYDRATES
 CHEMICAL ANALYSIS
 CHEMICALS
 CHEMISTRY
 MONOSACCHARIDES
 ISOTOPES

68 00242 NAT U
 02-H
 LEDERER, P. S.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 LIFE CYCLING, TEST ON SEVERAL STRAIN
 GAGE PRESSURE TRANSDUCERS.
 GENERAL DISTRIBUTION
 JUN 1967, 11 P, 11 REFS
 NBS-TN-434
 LIFE EXPECTANCY
 STRAIN GAGES
 TRANSDUCERS
 SENSITIVITY
 HYSTERESIS
 TEST METHODS
 LIFE CYCLING

68 00243 NAT U
 0R-D
 RIBBINS, D.
 ENGLERT, A. J.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 DISCLOSURES ON - AUTOSORT-AN
 AUTOMATIC COLLATING AND SORTING MACHINE,
 OPTICAL HETERODYNE REFRACTOMETER, LIQUID
 METERING PUMP, STABLE WIDEBAND RELAXATION
 OSCILLATOR USING THREE INVERTING AMPLIFIERS,
 AND SEAT BELT WEBBING ABRASION RESISTANCE
 TESTING MACHINE.
 GENERAL DISTRIBUTION
 NOV 1967, 27 P, ILLUS
 NBS-TN-437
 DATA PROCESSING SYSTEMS
 REFRACTOMETERS
 PUMPS
 OSCILLATORS
 AMPLIFIERS
 SAFETY HARNESS
 TESTING EQUIPMENT
 OPTICAL EQUIPMENT
 AUTOSORT
 HETERODYNE

68 00244 NAT U
 07-G
 KATZMAN, J. L.
 NORTON, J. M.
 PAGE 04
 AMERICAN INSTITUTE FOR RESEARCH,
 PITTSBURGH
 AIDED STUDY TO BLIND FLYING AND A
 SCORING DEVICE FOR THE LIAR TRAINING
 GENERAL DISTRIBUTION
 JUL 1969, 39 P, ILLUS
 SDC-170-2-1
 AD-657 466
 INSTANT FLIGHT
 TRAINING
 BLIND FLYING
 SCORING
 STUDIES
 RESEARCH MATERIAL

68 00245 NAT U
 05-A
 COAKLEY, J. D.
 PSYCHOLOGICAL CORP., NEW YORK.
 A METHOD OF INCREASING THE MANEUVERABILITY
 OF HIGH SPEED AIRCRAFT WITHIN THE LIMITS OF
 HUMAN PERFORMANCE.
 GENERAL DISTRIBUTION
 FEB 1968, 67 P, ILLUS, TABLES
 NO-001-151
 SDC-R-151-1-11
 AD-657 449
 MANEUVERABILITY
 JET PLANES
 TOLERANCE /PHYSIOLOGY/
 PILOTS
 GRAVITY
 ACCELERATION

68 00246 NAT U
 05-E
 COAKLEY, J. D.
 PSYCHOLOGICAL CORP., NEW YORK.
 THE EFFECT OF HEAT UPON THE PERFORMANCE
 OF MEN IN HIGH SPEED AIRCRAFT - A CRITICAL
 REVIEW.
 GENERAL DISTRIBUTION
 JUN 1948, 107 P, ILLUS, TABLES, 81BS
 SDC-R-151-1-17
 AD-657 482
 TEMPERATURE
 OPERATION
 EFFECTIVENESS
 TOLERANCE /PHYSIOLOGY/
 JET PLANES
 PILOTS
 REACTION /PSYCHOLOGY/

68 00247 NAT U
 01-D
 PANZARELLA, P. P.
 AERONAUTICAL SYSTEMS DIV, DEPUTY FOR FLIGHT
 TEST, WRIGHT-PATTERSON AFB, OHIO.
 AERODYNAMIC EVALUATION OF THE RC-119C
 AIRCRAFT.
 DOD ONLY
 JUN 1967, 56 P, ILLUS
 ASU-TR-67-8
 AD-818 375
 FLIGHT TESTING
 AIRSPEED
 TAKE-OFF
 LANDING
 HANDLING
 CLIMBING
 CRUISING
 STABILITY
 CONTROL
 MILITARY AIRCRAFT
 RC-119C AIRCRAFT

0965 00

68 00248
12-A
TAYLOR, D. L.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
PRELIMINARY TESTS OF 1.0 IN. DIA. ROD SEALS
FOR SST HYDRAULIC SYSTEM.#
GENERAL DISTRIBUTION
DEC 1965, 18 P, ILLUS
LM-19311
SEALS/STOPPERS/
SUPERSONIC TRANSPORTS
HYDRAULIC SYSTEMS
METALS
RELIABILITY

NAT U

68 00249
12-1
MUNNICHAM, F. T.
NAVAL MISSILE CENTER, POINT MUGO, CALIF.
AN OPERATIONAL METHOD FOR MEASURING
CROSS SECTION OF AN AIRBORNE TARGET.#
GOVERNMENT AGENCIES ONLY
AUG 1967, 42 P, ILLUS
LM-67-66
AIRCRAFT
MEASUREMENT
RADAR
RANGES/DISTANCE/

NAT U

68 00250
06-1
ZALIVICK, J. A.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
EFFECT OF THRUST AND ALTITUDE IN STEEP
APPROACHES ON GROUND TRACK NOISE.#
GENERAL DISTRIBUTION
NOV 1967, 12 P, ILLUS, 4 REFS
NASA-TN-D-4241
NSA-11253
TWO-1ST
ALTITUDE
NOISE
MEASUREMENT
JET/JET ENGINES
TRANSPORT PLANES
GOLD PATH
APPROACH
NOISE ABATEMENT

NAT U

68 00251
02-1
TODD, J. W.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
A FUNCTIONAL COMPARISON DECOMPRESSION
OF BASIC RESTRAINT SYSTEMS IN AIRCRAFT.#
GENERAL DISTRIBUTION
JUN 1967, 16 P, ILLUS
AM-67-14
AD-660 202
SAFETY HARNESS
TEST METHODS

R NAT U

68 00252
02-1
MCFADDEN, E. B.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
PERFORMANCE CHARACTERISTICS OF
CONSTANT FLOW PHASE DILUTION - OXYGEN MASK
DESIGNS FOR GENERAL AVIATION.#
GENERAL DISTRIBUTION
MAY 1967, 12 P, ILLUS, 3 REFS
AM-67-9
AD-660 201
OPERATION
EFFECTIVENESS
OXYGEN MASKS
DESIGN
GENERAL AVIATION AIRCRAFT
RESPIRATION
OXYGEN DILUTION

R NAT U

68 00253
07-8
COGEL, W. C.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
PROBLEMS IN DEPTH PERCEPTION - A
METHOD OF SIMULATING OBJECTS MOVING IN
DEPTH.#
GENERAL DISTRIBUTION
DEC 1965, 5 P, ILLUS, 5 REFS
AM-65-32
AD-660 171
PERCEPTION
SIMULATION
OPTICAL TRACKING

R NAT U

68 00254
07-E
PEARSON, R. G.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
DEVELOPMENT AND EVALUATION OF A RADAR
AIR TRAFFIC CONTROL RESEARCH TASK.#
GENERAL DISTRIBUTION
DEC 1965, 30 P, ILLUS
AM-65-31
AD-660 198
AIR TRAFFIC CONTROL SYSTEMS
AIR TRAFFIC CONTROLLERS
JOB ANALYSIS
HUMAN ENGINEERING
AIRPORT RADAR SYSTEMS
SCIENTIFIC RESEARCH

R NAT U

68 00255
12-A
HAMILTON, W. F.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
SPECIFICATION FOR HYDRAULIC FLUID, HIGH
TEMPERATURE, SUPERSONIC FLIGHT VEHICLE.#
GENERAL DISTRIBUTION
OCT 1966, 13 P, ILLUS
LM-20131
STANDARDS
HYDRAULIC FLUIDS
HIGH-TEMPERATURE RESEARCH
SUPERSONIC TRANSPORTS
CHEMICAL PROPERTIES
OPERATION
EFFECTIVENESS

NAT U

68 00256
12-A
MORHAUX, C. M.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
SST ENGINE INLET DUCT SEAL TEST - PHASE I & II
GENERAL DISTRIBUTION
DEC 1966, 35 P, ILLUS, TABLES, 6 REFS
IR-20281
SEALS / STOPPERS /
SUPERSONIC TRANSPORT
JET ENGINE INLETS
DUCTED INLETS
TITANIUM
COATINGS
TEST METHODS

NAT U

68 00257
09-C
THOMAS, D. K.
KAY, F.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
COMPRESSION SET RESISTANCE IN SILENCE
EXPERIMENT
GENERAL DISTRIBUTION
MAY 1967, 12 P, ILLUS, 4 REFS
RAF-TN-67075
AD-660 329
COMPRESSIVE PROPERTIES
KUBER
SILICONE
TEMPERATURE
AGING / MATERIALS /
VULCANIZATION
CURING

NAT U

68 00258
02-F
SWEARINGEN, M. S.
FEDERAL AVIATION ADMINISTRATION,
OKLAHOMA CITY.
AN EVALUATION OF POTENTIAL DECOMPRESSION
HAZARDS IN SMALL PRESSURIZED AIRCRAFT.
GENERAL DISTRIBUTION
JUN 1967, 10 P, ILLUS, 4 REFS
AM-67-19
AD-660 203
DECOMPRESSION
HAZARDS
PRESSURIZED CABINS
AIRCRAFT CABINS
EJECTION
HEAD
WOUNDS AND INJURIES

NAT U

68 00259
07-C
PERRY, H. L.
NAVAL RESEARCH LAB., WASHINGTON, D. C.
OPTICAL GUIDANCE SYSTEMS - ANALYSIS,
DESIGN, AND DEVELOPMENT.
A SUMMARY REPORT OF NRL RESEARCH ON
NIGHT CARRIER LANDING.
GENERAL DISTRIBUTION
JUL 1967, 72 P, ILLUS
NRL-TR-6581
AD-660 172
OPTICAL EQUIPMENT
ANALYSIS
DESIGN
CARRIER LANDING
NIGHT LANDING
LANDING AIDS
TERMINAL GUIDANCE
DISPLAY SYSTEM
NRLS / ZEMLIN OPTICAL LANDING SYSTEM /
NRLS / ZEMLIN HOK OPTICAL LANDING SYSTEM /
NRLS / ZEMLIN LINS OPTICAL LANDING SYSTEM /
NRLS / ZEMLIN WAVE COMMAND SYSTEM /
NRLS / ZEMLIN HOK OPTICAL LANDING SYSTEM /

NAT U

68 00260
07-C
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
AIRCRAFT WORKING GROUP OF ENGINE
GENERATORS.
GENERAL DISTRIBUTION
DEC 1966, 35 P
AD-660 307
GENERATORS
SPECIFICATIONS
EJECTION
PRELIMINARY
ELECTRIC WORK PROTECTION

NAT U

68 00261
07-C
AMERICAN INSTITUTE OF RESEARCH,
TULSA, OKLA.
REVIEW OF METHODS FOR
DEVELOPMENT OF NEW
FLYING IN PHASE A.
GENERAL DISTRIBUTION
DEC 1966, 25 P, ILLUS
AD-660 300
AD-660 300
INSTRUMENT FLIGHT
FLIGHT SIMULATORS
TEST METHODS
METHODOLOGY

NAT U

68 00262
08-C
FOREMAN, C. W.
ANALYTIC SERVICES, INC., FALL CHURCH, VA.
CIVILIAN PUBLIC PROBLEMS AND THE AEROSPACE
INDUSTRY.
GENERAL DISTRIBUTION
MAY 1967, 13 P, 5 REFS
AF4976387-1259
AD-660 086
SOCIOLOGY
AIRCRAFT INDUSTRY
MANAGEMENT ENGINEERING
URBAN AREAS
OPERATIONS RESEARCH
SYSTEMS ENGINEERING
PRODUCTION
DATA PROCESSING SYSTEMS
GREAT SOCIETY

NAT U

68 00263
06-K
STURGILL, L. G.
ATLANTIC RESEARCH CORP., ALEXANDRIA, VA.
TROPICAL PROPAGATION RESEARCH. FINAL
REPORT. VOLUME 1.
GENERAL DISTRIBUTION
JUN 1966, 502 P, ILLUS, 22 REFS
DA36-039-SC-90889
AD-660 318
PROPAGATION
RADIO WAVES
TROPICAL TESTS
ATTENUATION
TERMINAL
RANGES / DISTANCE /
ANTENNA RADIATION PATTERNS
FREQUENCY
POLARIZATION
CLIMATE
RADIO TRANSMITTERS

NAT U

NAT U

NAT 13

NAT U

NOT 1:

NAT 4

NAT U

NAT U

NAT U

68 00272 NAT U
 06-E
 NORTH AMERICAN AVIATION, INC., LOS ANGELES.
 DEVELOPMENT PROGRAM MANUAL
 /COMMUNICATION AND NAVIGATION SYSTEMS/.#
 GENERAL DISTRIBUTION
 MAR 1967, 152 P, ILLUS
 AF33/657-12395
 AF33/657/-15871
 NA-XR-70-2-14
 AD-819 443
 DESIGN
 HANDBOOKS
 COMMUNICATION SYSTEM
 NAVIGATION
 THEORY
 OPERATION
 RADIO COMMUNICATION SYSTEMS
 INSTRUMENT LANDINGS
 RESEARCH PLANES
 IFF /IDENTIFICATION FRIEND OR FOE/
 TACAN
 XR-70 AIRCRAFT

68 00273 NAT U
 08-D
 RUBINOFF, M.
 PENNSYLVANIA UNIV. PHILADELPHIA.
 EXPERIMENTAL EVALUATION OF INFORMATION
 RETRIEVAL THROUGH A TELETYPEWRITER.#
 GENERAL DISTRIBUTION
 JUN 1967, 25 P, ILLUS, 9 REFS
 AD-660 083
 INFORMATION RETRIEVAL
 TELETYPE SYSTEMS
 TYPEWRITERS

68 00274 NAT U
 08-C
 CARLIN, A.
 RAND CORP., SANTA MONICA, CALIF.
 THE GRAND CANYON CONTROVERSY - LESSONS
 FOR FEDERAL COST-BENEFIT PRACTICES.#
 GENERAL DISTRIBUTION
 OCT 1967, 25 P
 RC-P-3505-1
 ECONOMICS
 WATER SUPPLIES
 GRAND CANYON DAMS

68 00275 NAT U
 08-F
 HALL, G. R.
 RAND CORP., SANTA MONICA, CALIF.
 DEFENSE PROCUREMENT AND PUBLIC
 UTILITY REGULATION.#
 GENERAL DISTRIBUTION
 SEP 1967, 54 P, TABLE
 F44620-67-C-0045
 RM-5265-PR
 AD-659 731
 CONTROL
 ARMED FORCES PROCUREMENT
 ECONOMICS

68 00276 NAT U
 06-C
 HALL, G. R.
 RAND CORP., SANTA MONICA, CALIF.
 AIRCRAFT CO-PRODUCTION AND PROCUREMENT
 STRATEGY.#
 GENERAL DISTRIBUTION
 MAY 1967, 234 P, ILLUS, TABLES
 F44620-67-C-0049
 R-450-PR
 AD-659 374
 PRODUCTION
 PROCUREMENT
 AIRCRAFT
 ECONOMICS
 FOREIGN POLICY
 COMMERCE
 JAPAN
 MILITARY CONTRACTS

68 00277 NAT U
 06-D
 SIGNETICS CORP., SUNNYVALE, CALIF.
 FINAL DEVELOPMENT REPORT FOR ECONOMICAL
 PLAT PACKAGE FOR INTEGRATED CIRCUITS.#
 GENERAL DISTRIBUTION
 OCT 1965, 42 P, ILLUS, TABLES
 N085K-91298
 AD-474 240
 ECONOMICS
 INTEGRATED CIRCUITS
 DESIGN
 RELIABILITY
 QUALITY CONTROL
 BONDING
 SEALS /STOPPERS/
 TECHNIQUES
 INTERCONNECTIONS

68 00278 NAT U
 05-F
 GOLDMAN, S.
 OFFICE OF NAVAL RESEARCH, INFORMATION SYSTEMS
 BRANCH, WASHINGTON, D. C.
 AGING, NOISE AND CHOICE.#
 GENERAL DISTRIBUTION
 SEP 1967, 37 P, ILLUS, 7 REFS
 NONR-669 /10/
 EE-494-679-T-10
 AD-660 382
 AGING /PHYSIOLOGY/
 NOISE
 PATHOLOGY
 CONTROL SYSTEM
 PSYCHOLOGY
 STABILITY
 REDUCTION
 CELLS /BIOLOGY/
 LIFE EXPECTANCY
 THRESHOLD /PHYSIOLOGY/
 ATROPHY
 REJUVENATION

68 00279 NAT U
 06-E
 FISHER, E. J.
 UNION CARBIDE CORP.,
 A NEW METHOD FOR MAKING IMPROVED
 COMMUNICATIONS CABLES.#
 GENERAL DISTRIBUTION
 /196-/, 17 P, 12 REFS
 AD-661 189
 COMMUNICATION EQUIPMENT
 ALUMINUM
 PLASTICS
 CHEMISTRY
 TECHNIQUES
 COATINGS
 ELECTRIC CABLES
 ELECTRO DEPOSITION
 COPOLYMER RESINS
 ETHYLENE ACRYLIC ACID

68 00280 NAT U
06-S
KATTANAH, G. W.
SOUTHWEST CENTER FOR ADVANCED
STUDIES, DALLAS.
INFLUENCE OF PARTICLE SIZE DISTRIBUTION
ON REFLECTED AND TRANSMITTED LIGHT FROM
CLOUDS.#
GENERAL DISTRIBUTION
AUG 1967, 41 P, ILLUS, 10 REFS
AF19/6287-5039
AFCHL-67-0428
AD-660 604
WAVE TRANSMISSION
LIGHT
REFLECTION
CLOUDS
PARTICLE SIZE
MATHEMATICAL MODELS
MONTE CARLO METHOD
OPTICS

68 00281 NAT U
07-D
MAKERS, D. T.
GENERAL ELECTRIC CO., KINGHANTON, N. Y.
A BLENDED FEEDBACK VARIABLE FOR CONTROL
AUGMENTATION SYSTEMS.#
GENERAL DISTRIBUTION
APR 1967, 40 P, ILLUS, 6 REFS
AF19-TR-67-87
AD-659 754
MAN-MACHINE SYSTEMS
PILOTS
FLIGHT CONTROL SYSTEMS
SENSITIVITY
EQUATIONS
MOTIONS
MODELS /SIMULATION/

68 00282 NAT U
06-K
FORTUSHENKO, A. D.
TECHNICAL INFORMATION CENTER, LIAISON OFFICE,
WRIGHT-PATTERSON AFB, OHIO.
SIXTY YEARS OF RADIO.#
GENERAL DISTRIBUTION
1954, 273 P, ILLUS
F-TS-9076/V
AD-659 147
RADIO COMMUNICATIONS SYSTEM
ANTENNAS
RADIO WAVES
PROPAGATION
RADIO TRANSMITTERS
RADIO NAVIGATION
RADAR
HIGH FREQUENCY
RADIO RELAY SYSTEMS

68 00283 NAT U
02-H
CAVILLON, A. N.
TECHNICAL INFORMATION CENTER, LIAISON OFFICE,
WRIGHT-PATTERSON AFB, OHIO.
TECHNOLOGY OF AVIATION INSTRUMENT
CONSTRUCTION.#
GENERAL DISTRIBUTION
1951, 142 P, ILLUS
F-TS-9008/V
AD-659 208
FLIGHT INSTRUMENTS
CONSTRUCTION
OVERVIEWS

68 00284 NAT U
02-A
TECHNICAL INFORMATION CENTER, LIAISON OFFICE,
WRIGHT-PATTERSON AFB, OHIO.
PASSENGER AIRPLANE IL-14.#
GENERAL DISTRIBUTION
1955, 81 P, ILLUS
F-TS-9039/V
AD-659 204
AIRCRAFT
DESIGN
CIVIL AVIATION
AVIATION SAFETY
ALL WEATHER AVIATION
TAKE-OFF
LANDING
FINE SAFETY
FLIGHT TESTING
AIR CARRIERS
IL-14 AIRCRAFT

68 00285 NAT U
08-F
MCNICKLE, M. F.
AIR MATERIEL AREA, TINKER AFB, OKLA.
PROCEEDINGS OF DEPARTMENT OF DEFENSE
INDUSTRIAL SYMPOSIUM ON NUMERICAL CONTROL
DATA.#
GENERAL DISTRIBUTION
OCT 1966, 212 P, ILLUS
SYMPOSIA
DEPARTMENT OF DEFENSE
LOGISTICS
MILITARY REQUIREMENTS
DESIGN
OPERATION
QUALITY CONTROL
COMPUTERS
INDUSTRY
PROGRAMMING LANGUAGES
DATA PROCESSING SYSTEMS
DATA STORAGE SYSTEMS
CONTROL SYSTEMS
NUMERICAL CONTROL DATA

68 00286 NAT U
06-E
WENDLAND, G. E.
AIR FORCE COMMUNICATIONS SERVICE, OFFICE OF
OPERATIONS RESEARCH ANALYSIS, SCOTT AFB, ILL.
FIXED GROUND POWER IN SUPPORT OF
COMMUNICATIONS AND ELECTRONIC EQUIPMENT.#
NO FOREIGN
FEB 1967, 91 P, ILLUS
3-044-67
AD-818 790
POWER EQUIPMENT
ELECTRONIC EQUIPMENT
COMMUNICATION EQUIPMENT
SYSTEMS ENGINEERING
DESIGN
SPECIFICATIONS
AIR FORCE
OPERATIONS RESEARCH
GROUND SUPPORT EQUIPMENT
AFCS /AIR FORCE COMMUNICATIONS SERVICE/

58 00287 NAT U
00-D
BRAND, F. A.
GRIENOVAYCH, V.
WRIGHT AIR DEVELOPMENT CENTER.
ELECTRONIC COMPONENTS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
MICROWAVE SOLID-STATE DEVICES AND
CIRCUITS.#
GENERAL DISTRIBUTION
JUL 1967, 33 P, ILLUS, 18 REFS
FROJ-1E6-2201AUS6
ECOM-2064
AD-659 417
MICROWAVE EQUIPMENT
INTEGRATED CIRCUITS
MICROWAVE FREQUENCY
DESIGN
COMPUTERS
NOISE
SOLID STATE PHYSICS
GENERATORS
SEMICONDUCTOR DEVICES

64 00288 NAT U
10-A
WEBB, W. L.
ATMOSPHERIC SCIENCES LAB., WHITE SANDS
MISSILE RANGE, N. MEX.
THE SOURCE OF ATMOSPHERIC
ELF CIRCULATION.#
GENERAL DISTRIBUTION
JUN 1967, 48 P, ILLUS, 120 REFS
DA-TASK-1V650212A127-03
ECOM-5139
AD-660 316
ATMOSPHERIC ELECTRICITY
DIURNAL VARIATIONS
IONOSPHERE
THUNDERSTORMS
SKY BRIGHTNESS
AURORAE
METEOROLOGICAL INSTRUMENTS
EXOSPHERE

69 00289 NAT U
06-A
ARMY ELECTRONICS COMMAND, FORT
MONMOUTH, N. J.
PROCEEDINGS OF THE TWENTY-FIRST ANNUAL
FREQUENCY CONTROL SYMPOSIUM.#
GENERAL DISTRIBUTION
APR 1967, 579 P, ILLUS
AD-659 792
SYMPOSIUM
PIEZOELECTRIC CRYSTALS
RESONATORS
QUARTZ
CRYSTALS
FILTERS /ELECTROMAGNETIC WAVE/
DESIGN
FREQUENCY
MOLECULAR PROPERTIES
QUARTZ RESONATORS
OSCILLATIONS
MASERS
VIBRATION
ACOUSTIC PROPERTIES
SATELLITES /ARTIFICIAL/
CONTROL

68 00290 NAT U
07-A
MILLER, J. W.
OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
HUMAN ENGINEERING - CURRENT STATUS
AND FUTURE TRENDS.#
GENERAL DISTRIBUTION
SEP 1966, 12 P
AD-659 516
HUMAN ENGINEERING

68 00291 NAT U
08-E
NAVAL APPLIED SCIENCE LAB., BURLINGTON.
RELIABILITY AND MAINTAINABILITY DATA-GENERAL
GUIDE.#
GENERAL DISTRIBUTION
JAN 1967, 222 P, TABLES
N00141-66C-0151
AD-659 195
RELIABILITY
MAINTAINABILITY
DATA
NAVY
AIR FORCE
DEPARTMENT OF DEFENSE
NASA /NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

68 00292 NAT U
11
HODGSON, J. W.
LUREN, D. L.
NAVAL RESEARCH LAB., WASHINGTON, D. C.
LANE IDENTIFICATION IN THE OMEGA
SYSTEM.#
GENERAL DISTRIBUTION
JUL 1967, 46 P, ILLUS, 1 REF
NRL-PRO-4-11
NRL-MR-1803
AD-659 959
RADIO NAVIGATION
IDENTIFICATION SYSTEM
MONITORS
POSITION FINDING
VERY LOW FREQUENCY
OMEGA NAVIGATION

68 00293 NAT U
11
EISENBERG, R. L.
WILLIAMS, M. F.
NAVAL RESEARCH LAB., WASHINGTON, D. C.
INTERIM REPORT OF PRECIPITATION
EFFECTS ON OMEGA AIRCRAFT RECEIVERS.#
GENERAL DISTRIBUTION
AUG 1967, 49 P, ILLUS, 5 REFS
NRL-PRO-4-13
NRL-MK-1810
AD-660 377
FLIGHT TESTING
NAVIGATIONAL AIDS
RADIO NAVIGATION
PROPAGATION
RADIO RECEIVERS
VERY LOW FREQUENCY
DIURNAL VARIATIONS
ANTENNAS
ELECTROSTATIC PRECIPITATION
OMEGA NAVIGATION

68 00294 NAT U
10-G
ETTEL, M. J.
MORGAN, W. A.
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
NUMERICAL FORECASTING OF CLEAR AIR
TURBULENCE.#
NO FOREIGN
JUN 1967, 170 P, ILLUS, 9 REFS
AD-618 985
CLEAR AIR TURBULENCE
WEATHER FORECASTING

68 00295 NAT U
08-C
WISSKUPK, W. M.
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
A STUDY INTO THE ORIGINS AND NATURE OF
PERFORMANCE AND PROGRAM BUDGETING.#
GENERAL DISTRIBUTION
MAY 1967, 49 P
AD-482 296
BUDGETS
MANAGEMENT ENGINEERING
ECONOMICS
DEPARTMENT OF DEFENSE
PROGRAM BUDGETING

68 00296 NAT U
02-C
GT. BRIT. MINISTRY OF TECHNOLOGY,
MILLHANK TOWER, LONDON.
REPORT NUMBER TWO OF THE COMMITTEE ON
COMMON STANDARDS FOR ELECTRONIC PARTS.#
GENERAL DISTRIBUTION
MAR 1967, 36 P, ILLUS
AD-814 135
ELECTRONIC EQUIPMENT
SPECIFICATIONS
QUALITY CONTROL

68 00297 NAT U
02-A
KOROLSKII, V. N.
ACADEMY OF SCIENCES OF THE U.S.S.R. INST.
OF THE HISTORY OF SCIENCE AND ENGINEERING.
RUSSIAN SOLID-FUEL ROCKETS.#
GENERAL DISTRIBUTION
1967, 236 P, TABLES
NASA-TTF-415
N68-11829
ROCKET PROPELLANTS
PYROTECHNICS
HISTORY
GYMUSCOPES
GAS TURBINES
FLAKES
ROCKETS
ROCKET PLANES
ARMED FORCES SUPPLIES
RUSSIA

68 00298 NAT U
07-A
LYKOV, A. V.
SMOLSKII, H. M.
ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS,
JERUSALEM.
HEAT AND MASS TRANSFER.# VOLUME 1.
GENERAL DISTRIBUTION
1967, 274 P, ILLUS
NASA-TTF-431
N68-11721
HEAT TRANSFER
FRICTION
LIQUIDS
GASES
TEMPERATURE
PRESSURE
HYDRODYNAMICS
PIPES
GEOMETRIC FORMS
INTENSITY
ORGANIC COMPOUNDS
COOLING
CONVECTION

68 00299 NAT U
02-N
MARSH, K. R.
LTV AEROSPACE CORP., DALLAS.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
ADDITIONAL STUDIES ON THE FEASIBILITY
OF V/STOL CONCEPTS FOR SHORT-HAUL TRANSPORT
AIRCRAFT.#
GENERAL DISTRIBUTION
DEC 1967, 41 P, ILLUS
NASA-CN-670 /01/
N68-11174
FEASIBILITY STUDIES
VERTICAL TAKE-OFF PLANES
TRANSPORT PLANES
SENSITIVITY
DESIGN
DRAG
AIRPLANE NOISE
TURBOPROPELLER JET ENGINES
PROPULSION
SHORT TAKE-OFF PLANES

68 00300 NAT U
09-G
WEBER, K. E.
DAVIS, A. U.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
STRESS CORROSION OF TITANIUM
ALLOYS UNDER SIMULATED SUPERSONIC FLIGHT
CONDITIONS.#
GENERAL DISTRIBUTION
DEC 1967, 75 P, ILLUS, TABLES, 4 REFS
NASA-CN-981
N68-11522
TITANIUM ALLOYS
SIMULATION
SUPERSONIC FLIGHT
CORROSION
SUPERSONIC WIND TUNNELS
TEST METHODS
STRESSES
ENVIRONMENTAL TESTS
HOT SALT

68 22301 NAT U
10-A
LOWMAN, P. D., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
GODDARD SPACE FLIGHT CENTER, GREENBELT, MD.
GEOLOGIC APPLICATIONS OF ORBITAL
PHOTOGRAPHY.#
GENERAL DISTRIBUTION
DEC 1967, 37 P, ILLUS, 44 REFS
NASA-TN-D-4155
N68-11714
GEOLOGY
PHOTOGRAPHY
HIGH-ALTITUDE
CLOUD COVER
MAPPING
ORBITAL PHOTOGRAPHY

68 00302

NAT U

02-N
GOODSON, K. W.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.

EFFECT OF GROUND PROXIMITY ON THE
LONGITUDINAL, LATERAL, AND CONTROL
AERODYNAMIC CHARACTERISTICS OF A TILT-WING
FOUR-PROPPELLER V/STOL MODEL.#

GENERAL DISTRIBUTION
DEC 1967, 104 P, ILLUS, 12 REFS
NASA-TN-D-4217

N68-11519

AIRPLANE MODELS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
AERODYNAMIC CHARACTERISTICS
PITCH /MOTION/

ROLL

TILT WINGS

WIND TUNNELS

68 00303

NAT U

02-U
HERSCH, M.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LEWIS RESEARCH CENTER,
CLEVELAND, OHIO.

HYDROGEN-OXYGEN CHEMICAL REACTION
KINETICS IN ROCKET ENGINE COMBUSTION.#

GENERAL DISTRIBUTION
DEC 1967, 17 P, ILLUS, 13 REFS
NASA-TN-D-4250

N68-11642

CHEMICAL REACTIONS
HYDROGEN
OXYGEN
ROCKET MOTORS /LIQUID PROPELLANT/
COMBUSTION
VAPORIZATION
ATOMIZATION

68 00304

NAT U

06-C
COCKWELL, C. R.
CRUSWELL, W. F.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.

A GENERAL METHOD FOR DESIGNING
CIRCULAR ARRAY ANTENNAS TO OBTAIN
QUASI-OMNIDIRECTIONAL PATTERNS.#

GENERAL DISTRIBUTION
DEC 1967, 26 P, ILLUS, 8 REFS
NASA-TN-D-4254

N68-11475

DESIGN
ANTENNA CONFIGURATIONS
OMNIDIRECTIONAL ANTENNAS
ANTENNA RADIATION PATTERNS
FAR FIELD
EQUATIONS
STANDARDS

68 00305

NAT U

02-J
HALL, A. W.
GRUNWALD, K. J.
DEAL, P. L.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.

FLIGHT INVESTIGATION OF PERFORMANCE
CHARACTERISTICS DURING LANDING APPROACH
OF A LARGE POWERED-LIFT JET TRANSPORT.#

GENERAL DISTRIBUTION
DEC 1967, 24 P, ILLUS, 7 REFS
NASA-TN-D-4267

N68-11638

FLIGHT TESTING
OPERATION
EFFECTIVENESS
LANDING
JET TRANSPORT PLANES
LIFT
BOUNDARY LAYER CONTROL
TRAILING EDGE
FLAPS

68 00306

NAT U

01-D
NEWSON, W. A., JR.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, LANGLEY RESEARCH
CENTER, LANGLEY STATION, HAMPTON, VA.

WIND-TUNNEL INVESTIGATION OF A
DEFLECTED-SLIPSTREAM CRUISE-FAN V/STOL
AIRCRAFT WING.#

GENERAL DISTRIBUTION
DEC 1967, 52 P, ILLUS, TABLE, 3 REFS
NASA-TN-D-4262

N68-11036

WIND TUNNELS
WINGS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
SLIPSTREAM
DEFLECTION
DUCTED FANS

68 00307

NAT U

06-A
BURES, K. J.
SMITH, G. L.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, AMES RESEARCH CENTER,
MOFFETT FIELD, CALIF.

THEORETICAL ERROR ANALYSIS OF A
DOPPLER RANGE-RATE AND PHASE-MODULATED
RANGE TRACKING SYSTEM.#

GENERAL DISTRIBUTION
DEC 1967, 44 P, ILLUS, 20 REFS
NASA-TN-D-4267

N68-11513

THEORY
ERRORS
ANALYSIS
DOPPLER SYSTEMS
TRACKING
PHASE MODULATION
RANGES /DISTANCE/
TRAJECTORIES
AEROSPACE CRAFT

*1060M40

68 00308 NAT U
01-D
KIRK, J. V.
MICKEY, D. H.
ADYAGI, K.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, AMES RESEARCH CENTER,
MOFFETT FIELD, CALIF.
LARGE-SCALE WIND-TUNNEL INVESTIGATION
OF A MODEL WITH AN EXTERNAL JET-AUGMENTED
FLAP.
GENERAL DISTRIBUTION
DEC 1967, 31 P, ILLUS, 4 REFS
NASA-TN-D-4278
N68-11627
WIND TUNNELS
AIRPLANE MODELS
TURBOJET ENGINES
TRAILING EDGE
FLAPS
AERODYNAMIC CHARACTERISTICS
DEFLECTION

68 00309 NAT U
07-F
TAYLOR, L. W.
SMITH, J. W.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
FLIGHT RESEARCH CENTER, EDWARDS, CALIF.
AN ANALYSIS OF THE LIMIT-CYCLE AND
STRUCTURAL-RESONANCE CHARACTERISTICS OF THE
X-15 STABILITY AUGMENTATION SYSTEM.
GENERAL DISTRIBUTION
DEC 1967, 49 P, ILLUS, 8 REFS
NASA-TN-D-4287
N68-11945
FLIGHT CONTROL SYSTEMS
CONTROL SURFACES
RESONANCE
ROLL
MATHEMATICAL MODELS
HYSTERESIS
STABILIZATION SYSTEMS
X-15 AIRCRAFT
SAS /STABILITY AUGMENTATION SYSTEMS/

68 00310 NAT U
01-D
DEROSE, C. E.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, AMES RESEARCH CENTER,
MOFFETT FIELD, CALIF.
BALLISTIC-RANGE TESTS OF A
DRAG-RING CONFIGURATION AT MACH
NUMBERS AROUND TWO.
GENERAL DISTRIBUTION
DEC 1967, 22 P, ILLUS, 1 REF
NASA-TN-D-4291
N68-11936
DRAG
MACH NUMBER
FLUID DYNAMIC PROPERTIES
TEST FACILITIES
PRESSURE
MODEL TESTS
CONICAL HOODS
CYLINDRICAL HOODS

68 00311 NAT U
12-A
CHAMBERLAN, R. E.
CHAMBERLAN, R. E.
LUBOWSKI, J. F.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, LEWIS RESEARCH CENTER,
CLEVELAND, OHIO.
STRUCTURAL FEASIBILITY STUDY OF
PRESSURIZED TANKS FOR LIQUID-METHANE
FUELED SUPERSONIC AIRCRAFT.
GENERAL DISTRIBUTION
DEC 1967, 45 P, ILLUS, 6 REFS
NASA-TN-D-4295
N68-12370
LIQUEFIED GASES
FEASIBILITY STUDIES
PRESSURE
SUPERSONIC TRANSPORTS
FUEL TANKS
ORGANIC COMPOUNDS
DESIGN

68 00312 NAT U
10-C
LEFKOWITZ, N.
MCLAUGHLIN, D. L.
ENVIRONMENTAL SCIENCE SERVICES
ADMINISTRATION, WEATHER BUREAU, TEST
AND EVALUATION LAB., ATLANTIC CITY,
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICES,
WASHINGTON, D. C.
TEST USE OF MESONET DATA IN
MANUAL FORECAST PREPARATION.
FINAL REPORT.
GENERAL DISTRIBUTION
SEP 1967, 21 P, ILLUS, TABLE
FA67NA1-126
SRDS-ND-67-66
AD-661 359
WEATHER FORECASTING
MICROMETEOROLOGY

68 00313 NAT U
06-J
KARSTEN, P.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
TEST AND EVALUATION DIV., ATLANTIC CITY.
FIELD APPRAISAL OF THE ADVANCED
RADAR TRAFFIC CONTROL SYSTEM /ARTS/.
APPENDIX TO THE FINAL REPORT.
GENERAL DISTRIBUTION
OCT 1967, 112 P, ILLUS
PROJ-121-221-01X
PROJ-121-511-01X
FAA-RO-67-3
AD-663 711
AIR TRAFFIC CONTROL SYSTEMS
SHEAR STRESSES
TRACKING
AUTOMATION
AIRPORT RADAR SYSTEMS
MATHEMATICAL ANALYSIS
FEDERAL AVIATION ADMINISTRATION
ALPHANUMERICS

68 00314 NAT U
 06-J
 KARSTEN, P.
 ANGSTADT, H. B.
 JOHNSON, D. L.
 FEDERAL AVIATION ADMINISTRATION, NATIONAL
 AVIATION FACILITIES EXPERIMENTAL CENTER,
 ATLANTIC CITY.
 FIELD APPRAISAL OF THE ADVANCED RADAR
 TRAFFIC CONTROL SYSTEM /ARTS/.0 FINAL REPORT.
 GENERAL DISTRIBUTION
 OCT 1967, 44 P, ILLUS
 PROJ-121-221-DIX
 PROJ-121-511-DIX
 FAA-RO-67-2
 AD-663 571
 FEDERAL AVIATION ADMINISTRATION,
 WADSWORTH
 AIR TRAFFIC CONTROL SYSTEMS
 AIRPORT RADAR SYSTEMS
 TRACKING
 DISPLAY SYSTEMS
 AUTOMATION
 TEST METHODS

68 00315 NAT U
 06-A
 PARNELL, J. E.
 NAGEL, D. C.
 PARRY, H. J.
 ROLT, BERANEK AND NEWMAN, INC.,
 VAN NUYS, CALIF.
 FEDERAL AVIATION ADMINISTRATION,
 WASHINGTON, D. C.
 GROWTH OF NOISINESS FOR TONES AND
 BANDS OF NOISE AT DIFFERENT FREQUENCIES.0
 TECHNICAL REPORT.
 GENERAL DISTRIBUTION
 DEC 1967, 97 P, ILLUS, 17 REFS
 FA65WA-1180
 FAA-DS-67-21
 AD-663 904
 AIRPLANE NOISE
 MEASUREMENT
 FREQUENCY
 TEST METHODS

68 00316 NAT U
 06-A
 NAGEL, D. C.
 PARNELL, J. E.
 PARRY, H. J.
 ROLT, BERANEK AND NEWMAN, INC.,
 VAN NUYS, CALIF.
 FEDERAL AVIATION ADMINISTRATION,
 WASHINGTON, D. C.
 THE EFFECTS OF BACKGROUND NOISE UPON
 PERCEIVED NOISINESS.0 TECHNICAL REPORT.
 GENERAL DISTRIBUTION
 DEC 1967, 60 P, ILLUS, 19 REFS
 FA65WA-1180
 FAA-DS-67-22
 AD-663 902
 INTENSITY
 AIRPLANE NOISE
 MEASUREMENT
 VIBRATION
 CROSS MODALITY TESTS
 UNPERCEIVED NOISE LEVEL

68 00317 NAT U
 10-G
 TUMEN, J. M.
 GENERAL ELECTRIC CO. MISSILE AND SPACE
 DIV., KING OF PRUSSIA, PENNA.
 TURBULENCE IN STRATIFIED ATMOSPHERE.0
 GENERAL DISTRIBUTION
 AUG 1967, 25 P, 4 REFS
 R675045
 AD-819 689
 TURBULENCE
 VELOCITY
 DENSITY
 ATMOSPHERIC MOTION
 COMPRESSIBLE FLOW
 DIFFUSION
 VISCOSITY
 ACOUSTIC PROPERTIES

68 00318 NAT U
 06-U
 MORRIS, F. E.
 NAVAL ELECTRONICS LAB. CENTER,
 COMMAND CONTROL AND COMMUNICATIONS DIV.,
 SAN DIEGO, CALIF.
 TEMPERATURE-STABILIZED MONOSTABLE
 MULTIVIBRATOR.0
 GENERAL DISTRIBUTION
 AUG 1967, 50 P, ILLUS, TABLES, 10 REFS
 NELC-R1506
 AD-661 481
 TEMPERATURE CONTROL
 EQUATIONS
 CIRCUITS
 TRANSISTORS
 STABILITY

68 00319 NAT U
 10-G
 REITER, E. R.
 LESTER, P. F.
 COLORADO STATE UNIV., FORT COLLINS, DEPT. OF
 ATMOSPHERIC SCIENCE.
 THE DEPENDENCE OF THE RICHARDSON
 NUMBER ON SCALE LENGTH.0
 GENERAL DISTRIBUTION
 JUL 1967, 39 P, TABLES, 59 REFS
 AS-P-111
 PB-176 382
 AERODYNAMIC CONFIGURATIONS
 SUBSONIC FLIGHT
 PITCH /MOTION/
 SLENDER WINGS
 MODEL TESTS
 AERODYNAMIC FORCES
 TRAILING EDGE
 LIFT
 DRAG

68 00320 NAT U
 01-G
 KIRBY, D. A.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 AN EXPERIMENTAL INVESTIGATION OF THE
 EFFECT OF PLANFORM SHAPE ON THE SUBSONIC
 LONGITUDINAL STABILITY CHARACTERISTICS OF
 SLENDER WINGS.0
 GENERAL DISTRIBUTION
 JUN 1967, 70 P, ILLUS, 13 REFS
 RAE-TR-67-142
 AD-823 961
 AERODYNAMIC CONFIGURATIONS
 SUBSONIC FLIGHT
 PITCH /MOTION/
 SLENDER WINGS
 MODEL TESTS
 AERODYNAMIC FORCES
 TRAILING EDGE
 LIFT
 DRAG

68 00321 NAT U
13-J
GILBERT, R. H.
AIR-RAPID TRANSIT SYSTEMS, INC.,
RIVERSIDE, CALIF.
A PRELIMINARY DESIGN AND SYSTEMS
ENGINEERING STUDY FOR A GROUND-AIR-
GROUND PUBLIC TRANSPORTATION SYSTEM.
GENERAL DISTRIBUTION
SEP 1967, 200 P, ILLUS
DESIGN
SYSTEMS ENGINEERING
SURFACE-TO-AIR
AIR-TO-SURFACE
TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
HUMAN ENGINEERING
MAINTAINABILITY
RELIABILITY
ECONOMICS
OPERATIONS RESEARCH
PASSENGER VEHICLES
ARTS/AIR-RAPID TRANSIT SYSTEM/

68 00322 NAT U
06-C
SCHELL, A. C.
STROM, J. A.
AIR FORCE CAMBRIDGE RESEARCH LABS.,
L. G. HANSCOM FIELD, BEDFORD, MASS.
THE EFFECT OF A FOREGROUND RIDGE
ON THE GAIN AND PATTERN OF AN
ANTENNA.
GENERAL DISTRIBUTION
AUG 1967, 23 P, ILLUS
AFCL-67-0454
AD-660 807
GAIN
ANTENNA RADIATION PATTERNS
EQUATIONS
MEASUREMENT
HIGH FREQUENCY

68 00323 NAT U
06-C
HYATT, J. S.
UTAH, UNIV., SALT LAKE CITY.
AIR FORCE CAMBRIDGE RESEARCH LABS.,
BEDFORD, MASS.
TRANSMISSION LINE PARAMETER MEASUREMENTS -
STANDING WAVE IMPEDANCE PROPE.
GENERAL DISTRIBUTION
AUG 1967, 19 P, ILLUS, 23 REFS
AF19/6287-4295
AFCL-67-0505
AD-660 907
TRANSMISSION LINES
ELECTRICAL IMPEDANCE
MEASURING DEVICES /ELECTRIC AND ELECTH
ATTENUATION
IONOSPHERE
DENSITY
ELECTRONS
ELECTROMAGNETIC WAVES

68 00324 NAT U
07-H
KAUFMAN, L.
HOCHBERG, J.
RICHARDS, W.
PITBLADO, C. B.
SPERRY RAND RESEARCH CENTER,
SUDBURY, MASS.
AIR FORCE CAMBRIDGE RESEARCH LABS.,
BEDFORD, MASS.
CONTOUR DESCRIPTOR PROPERTIES OF
VISUAL SHAPE.
GENERAL DISTRIBUTION
SEP 1967, 84 P, ILLUS, TABLES, 33 REFS
AFCL-67-0525
AD-662 005
VISION
PERCEPTION
STIMULATION
ILLUSIONS
VISUAL FIXATION

68 00325 NAT U
09-B
KANNEL, J.
BELL, J. C.
WALOWIT, J. A.
ALLEN, C. M.
BATTELLE MEMORIAL INST., COLUMBUS, OHIO.
AIR FORCE AEROPROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
A STUDY OF THE INFLUENCE OF LUBRICANTS ON
HIGH-SPEED ROLLING-CONTACT BEARING
PERFORMANCE.
RESEARCH ON ELASTOHYDRODYNAMIC LUBRICATION
ON HIGH-SPEED ROLLING CONTACTS. PART IV.
NO FOREIGN
DEC 1967, 80 P, ILLUS, 18 REFS
AF33/6157-2614
ASD-TDR-61-643
AD-823 522
LUBRICANTS
ROLLER BEARINGS
THICKNESS
VISCOSITY
PRESSURE
THEORY
TRANSDUCERS
TEMPERATURE
DEFORMATION
ELASTICITY
HYDRODYNAMICS
ISOTHERMAL
RHEOLOGY

68 00326 NAT U
02-E
RUTAN, E. L.
STROUP, P. B.
AIR FORCE FLIGHT TEST CENTER,
EDWARDS AFB, CALIF.
EVALUATION OF THE C-130E STABILITY AND
CONTROL CHARACTERISTICS DURING TANDE
SEQUENTIAL AND SINGLE-PLATFORM TAPES
DELIVERIES AND AIRDROP DELIVERIES.
NO FOREIGN
NOV 1967, 314 P, ILLUS, 11 REFS
FTC-TR-67-18
AD-823 602
FLIGHT CONTROL SYSTEMS
STABILITY
AIR-DROP OPERATIONS
CARGO
PILOTS
TECHNIQUES
LOADING /MECHANICS/
MILITARY AIRCRAFT
STRUCTURAL PARTS
FLIGHT TESTING

68 00327 NAT U
02-A
MUNTER, M. J.
AIR FORCE FLIGHT TEST CENTER,
EDWARDS AFB, CALIF.
PERFORMANCE EVALUATION OF A 25,000-TO
35,000 POUND CAPACITY EXTRACTION SYSTEM
FOR THE C-141A AIRCRAFT.
NO FOREIGN
NOV 1967, 63 P, ILLUS
FTC-TR-67-23
AD-824 145
A14-DROP OPERATIONS
CARGO
WEIGHT
PARACHUTES
FLIGHT TESTING
MILITARY AIRCRAFT
C-141A AIRCRAFT

68 00328 NAT U
01-D
PARCHER, G. M.
AIR FORCE FLIGHT TEST CENTER,
EDWARDS AFB, CALIF.
EC-47N/P LIMITED PERFORMANCE
TESTS.
NO FOREIGN
NOV 1967, 62 P, ILLUS, 5 REFS
FTC-TR-67-24
AD-823 530
FLIGHT TESTING
MILITARY AIRCRAFT
DESIGN
HYDRAULIC SYSTEMS
GENERATORS
ANTENNAS
FLIGHT INSTRUMENTS
AIRSPEEDS
LIFT
DNAG
EC-47N/P AIRCRAFT
MODIFICATION
AIRCRAFT SYSTEMS
FLIGHT CHARACTERISTICS

68 00329 NAT U
12-B
SKRIPNICHENKO, S. V.
AIR FORCE SYSTEMS COMMAND,
FOREIGN TECHNOLOGY DIV., WRIGHT-PATTERSON
AFB, OHIO.
TRIM CHARACTERISTICS OF SUPERSONIC
AIRCRAFT.
GENERAL DISTRIBUTION
APR 1967, 17 P
FTD-MT-66-788
AD-660 764
TRIM
SUPERSONIC TRANSPORTS
AERODYNAMIC CHARACTERISTICS
AERODYNAMIC CONFIGURATIONS
DNAG
LIFT
BOUNDARY LAYER CONTROL

68 00330 NAT U
02-E
PARKHOMOV, L. A.
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON
AFB, OHIO.
A METHOD FOR MEASURING THE VERTICAL
VELOCITY OF AN AIRCRAFT IN THE ENTIRE
FREQUENCY SPECTRUM OF ITS VARIATION.
TRANSLATION FROM RUSSIAN.
GENERAL DISTRIBUTION
JUN 1967, 22 P, ILLUS
FTD-MT-66-26
AD-661 031
MEASUREMENT
TECHNIQUES
VELOCITY
AIRCRAFT

68 00331 NAT U
06-H
SCANLAN, J. D., JR.
RHODES, J. D.
ILLUS. (ENGLAND, UNIV.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
MICROWAVE NETWORKS WITH COMPLEX
DELAY.
GENERAL DISTRIBUTION
OCT 1967, 27 P, ILLUS, 13 REFS
AF61/OS27-925
RADG-TR-67-384
AD-660 860
MICROWAVE NETWORKS
DELAY
LOW-PASS FILTERS
EQUATIONS
BAND-PASS FILTERS
THEORY
CIRCUITS

68 00332 NAT U
05-D
MCDONNELL, F., DR.
AMERICAN ELECTRONICS LABS., INC.,
COLMAR, PENNA.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
IMPROVED VIDEO DETECTORS.
NO FOREIGN
NOV 1967, 34 P, ILLUS
RADG-TR-67-489
AD-823 542
CRYSTAL DETECTORS
DESIGN
FREQUENCY
BANDWIDTH
POWER
THEORY
VIDEO AMPLIFIERS

68 00333 NAT U
02-G
FAGEN, C. H.
BELL HELICOPTER CO., FORT WORTH, TEX.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
EVALUATION OF LAMINATED ELASTOMERIC
BEARINGS IN THE UH-1 HELICOPTER TAIL
ROTOR.
GENERAL DISTRIBUTION
JUL 1967, 82 P, ILLUS, TABLES, 3 REFS
BMC-R-572-099-004
AD-661 614
LAMINATES
BEARINGS
ROTOR BLADES /ROTARY WINGS/
FLIGHT TESTING
ELASTOMERS
TAIL HELICOPTER ROTORS
UH-1 HELICOPTER

68 00340 NAT U
 09-D
 WEISS, V.
 SESSLER, J. G.
 AIR FORCE MATERIALS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 AEROSPACE STRUCTURAL METALS HANDBOOK.#
 VOLUME I.
 FERROUS ALLOYS.
 GENERAL DISTRIBUTION
 MAR 1963, 200 P, ILLUS
 AF33/616/-7792
 ASD-TRO-63
 AD-420 981
 STRUCTURAL PARTS
 METALS
 STEEL
 STAINLESS STEEL
 CARBON
 HANDBOOKS
 MECHANICAL PROPERTIES
 CHEMICAL PROPERTIES
 AUSTENITIC STAINLESS STEEL
 MARTENSITIC STAINLESS STEEL

68 00341 NAT U
 07-E
 GERHARD, R. S.
 WOOD, R. A.
 HERNANDES, V. J.
 LANGDON, L. E.
 DATA DESIGN LABS., ONTARIO, CALIF.
 HUMAN FACTORS PREDICTION VALIDATION.#
 FINAL REPORT.
 GENERAL DISTRIBUTION
 MAR 1967, 150 P, ILLUS, TABLES, 9 REFS
 PRR-67-1
 AD-819 210
 HUMAN ENGINEERING
 PERSONNEL
 TRAINING
 MATHEMATICAL PREDICTIONS
 STANDARDS

68 00342 NAT U
 07-F
 FEILER, A. M.
 CALIFORNIA. UNIV., LOS ANGELES.
 CASE STUDIES OF TRANSIM ANALYSIS.#
 GENERAL DISTRIBUTION
 MAY 1967, 50 P, ILLUS
 C-94-66
 PB-176 158
 TRANSPORTATION
 SIMULATION
 COMPUTERS
 MONTE CARLO METHOD
 CONTAINERS
 SHIPS
 CARGO VEHICLES
 RAILROADS
 ROADS
 OPERATIONS RESEARCH
 PROJECT TRANSIM

68 00343 NAT U
 13-C
 ASSOCIATION OF AMERICAN RAILROADS,
 CHICAGO.
 INVESTIGATION OF CAR FERRY SERVICE
 FOR HIGH SPEED GROUND TRANSPORTATION.#
 GENERAL DISTRIBUTION
 JUL 1966, 50 P, ILLUS, TABLES
 C-240-66/N/
 PB-173 513
 TRANSPORTATION
 PASSENGER VEHICLES
 RAILROADS
 FEASIBILITY STUDIES
 HIGH SPEED GROUND TRANSPORTATION
 PIGGYBACK
 CAR RAILROADS

68 00344 NAT U
 06-D
 KENCOM, R. W.
 STANFORD UNIV., CALIF. ELECTRONICS LAB.
 A MINIMAL CAPACITOR CASCADE SYNTHESIS
 FOR INTEGRATED CIRCUITS.#
 GENERAL DISTRIBUTION
 JUL 1966, 40 P, ILLUS
 GRANT-GK-217
 SEL-TA-6558-12
 PB-174 195
 CAPACITORS
 INTEGRATED CIRCUITS
 THEORY
 SYNTHESIS
 MATHEMATICAL LOGIC

68 00345 NAT U
 04-A
 FEDERAL AVIATION ADMINISTRATION,
 WASHINGTON, D. C.
 AVIATION DEMAND AND AIRPORT FACILITIES
 REQUIREMENT FORECASTS FOR LARGE AIR
 TRANSPORTATION HUBS THROUGH 1980.#
 GENERAL DISTRIBUTION
 AUG 1967, 174 P, TABLES
 DESIGN
 AIRPORTS
 MATHEMATICAL PREDICTION
 AIR TRANSPORTATION
 TERMINAL FLIGHT FACILITIES
 ECONOMICS

68 00346 NAT U
 04-C
 BRANDWIE, D. M.
 FEDERAL AVIATION ADMINISTRATION,
 NATIONAL AVIATION FACILITIES EXPERIMENTAL
 CENTER, ATLANTIC CITY.
 EVALUATION OF ECONOMICAL VISUAL
 APPROACH INDICATORS.# FINAL REPORT.
 GENERAL DISTRIBUTION
 DEC 1967, 18 P, ILLUS
 PROJ-430-209-02X
 NA-67-13
 RD-67-50
 AD-664 246
 FEDERAL AVIATION ADMINISTRATION
 AIRPORTS
 APPROACH INDICATORS
 LANDING AIDS
 INDICATOR LIGHTS

68 00347 NAT U
 06-K
 MULLER, J. A.
 FEDERAL AVIATION ADMINISTRATION,
 NATIONAL AVIATION FACILITIES EXPERIMENTAL
 CENTER, ATLANTIC CITY.
 WEATHER EFFECTS ON VORTAC FACILITIES
 VOR MONITOR DETECTOR TESTS.#
 GENERAL DISTRIBUTION
 DEC 1967, 32 P, ILLUS, TABLES
 PROJ-330-001-03X
 NA-67-10
 RD-66-86
 AD-664 491
 FEDERAL AVIATION ADMINISTRATION
 VOR /VHF OMNIDIRECTIONAL RADIO RANGE/
 MONITORS
 DETECTORS
 TEST METHODS
 METEOROLOGICAL PHENOMENA
 RADIO NAVIGATION
 VORTAC

68 00348 R NAT U
 08-F
 FEDERAL AVIATION ADMINISTRATION.
 AERONAUTICAL CENTER, OKLAHOMA CITY.
 MAINTAINABILITY AND RELIABILITY OF
 AIRCRAFT SYSTEMS.#
 GENERAL DISTRIBUTION
 NOV 1967, 6 P
 AD-664 369
 FEDERAL AVIATION ADMINISTRATION
 MAINTAINABILITY
 RELIABILITY
 SYMPOSIA
 AIRCRAFT EQUIPMENT
 AIRCRAFT SYSTEMS

68 00349 NAT U
 08-F
 BOEING CO. COMMERCIAL AIRPLANE DIV.
 SUPERSONIC TRANSPORT BRANCH, RENTON, WASH.
 CONCEPTS AND TECHNIQUES IN DESIGN
 OF AIRCRAFT SYSTEMS AND COMPONENTS.#
 GENERAL DISTRIBUTION
 NOV 1967, 19 P
 RELIABILITY
 MAINTAINABILITY
 THEORY
 DESIGN
 AIRCRAFT EQUIPMENT
 SUPERSONIC TRANSPORTS
 LANDING AIDS
 HYDRAULIC SYSTEMS
 AIRCRAFT SYSTEMS

68 00350 NAT U
 08-F
 MACGREGOR, K. V.
 DRUGLAS AIRCRAFT CO., INC. AIRCRAFT DIV.,
 LONG BEACH, CALIF.
 PREDICTIVE MAINTENANCE FOR LORN
 HOPE ON FORESEEABLE REALITY?#
 GENERAL DISTRIBUTION
 /1967/, 31 P
 MATHEMATICAL PREDICTION
 MAINTENANCE
 MALFUNCTIONS
 AIRCRAFT EQUIPMENT
 AIRCRAFT SYSTEMS

68 00351 NAT U
 08-F
 WILSON, K. S.
 LOCKHEED-GEORGIA CO. RELIABILITY AND
 AEROSPACE SAFETY, MARETTA, GA.
 RELIABILITY PREDICTIONS FROM AN
 ART TO A SCIENCE.#
 GENERAL DISTRIBUTION
 NOV 1967, 10 P, ILLUS
 RELIABILITY
 MATHEMATICAL PREDICTION
 MAINTAINABILITY
 MATHEMATICAL MODELS
 THEORY

68 00352 NAT U
 08-C
 GRAY, F. M.
 HARRY DIAMOND LABS., WASHINGTON, D. C.
 DESIGN OF A SMALL COMPACT WIDEBAND
 ANTENNA.#
 GENERAL DISTRIBUTION
 MAY 1967, 38 P, ILLUS
 DA-1554271ND187
 TM-67-10
 AD-820 225
 ANTENNAS
 BROADBAND
 DESIGN
 OPERATION
 EFFECTIVENESS

68 00353 NAT U
 08-D
 GIBSON, J. A.
 BATTIELE MEMORIAL INST., COLUMBUS, OHIO.
 REVIEW OF NONDESTRUCTIVE TESTING
 TECHNIQUES FOR DETECTING LACK OF
 PENETRATION IN ALUMINUM FUSION WELDS.#
 GENERAL DISTRIBUTION
 OCT 1967, 21 P, ILLUS, 16 REFS
 DA-M01-67-C-1921
 RSIC-701
 AD-661 044
 TECHNIQUES
 DETECTION
 JOINTS
 ALUMINUM ALLOYS
 X-RAYS
 DENSITY
 ULTRASONIC RADIATION
 WELDS

68 00354 NAT U
 08-D
 THOMAS, J.
 BRINK, M. V.
 TURNQUIST, D.
 ARMY ELECTRONICS COMMAND,
 FORT MONMOUTH, N. J.
 NEW SWITCHING CONCEPTS.# FINAL
 REPORT.
 GENERAL DISTRIBUTION
 OCT 1967, 84 P, ILLUS
 DA-28-043-AMC-00123/E/
 DA-PHJ-1G6-22001-A-055-02
 ECUM-TR-00123-F
 AD-661 303
 DESIGN
 PULSE MODULATION
 ELECTRON TUBES
 MAGNETRONS
 PHOTOELECTRIC EFFECT
 VACUUM APPARATUS
 DISCHARGE TUBES
 MAGNETIC FIELDS

68 00355 NAT U
 08-A
 PIM, K. A.
 LFO, H.
 TRAUSCH, A.
 ARMY ELECTRONICS COMMAND,
 FORT MONMOUTH, N. J.
 CLEVITE CORP. ELECTRONIC RESEARCH
 DIV., CLEVELAND, OHIO.
 HYBRID PIEZOELECTRIC DEVICES.# FINAL
 REPORT.
 DOD ONLY
 AUG 1967, 111 P, ILLUS, 22 REFS
 DA-28-043-AMC-00079/E/
 ECOM-00079-F
 AD-819 474L
 CRYSTAL FILTERS
 DESIGN
 QUARTZ RESONATORS
 PIEZOELECTRIC EFFECT
 BAND-PASS FILTERS

6A 00356 NAT U
01-E
TRENKA, A. R.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
PERFORMANCE AND STRESSES OBTAINED ON AN
ISOLATED VTOL-TYPE PROPELLER OPERATING IN
HOVERING, TRANSITIONAL, AND AXIAL FLIGHT.
GENERAL DISTRIBUTION
AUG 1967, 24 P, ILLUS, TABLES, 5 REFS
DA-44-177-AMC-75/T/
USAAVLABS-TK-67-37
AD-661 087
VERTICAL TAKE-OFF PLANES
STRESSES
HOVERING
TRANSITION FLIGHT
PROPELLER BLADES
STRAIN /MECHANICS/

6A 00357 NAT U
02-D
TRUP, H. C.
GENERAL ELECTRIC CO., CORNELLVILLE,
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
ADVANCED LIFT FAN SYSTEM /LFX/ STUDY
CONTINUATION.
11 FOREIGN
SEP 1967, 336 P, ILLUS, TABLES, 13 REFS
DA-44-177-AMC-422/T/
USAAVLABS-TK-67-45
AD-662 698
LIFT
FANS
CONFIGURATION
ACQUISITION
AIRCRAFTS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
DESIGN

6A 00358 NAT U
08-F
CAS II, H. K.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
FV-5A MAINTENANCE AND SYSTEMS
EVALUATION.
GENERAL DISTRIBUTION
JUL 1967, 147 P, ILLUS, TABLES
USAAVLABS-TK-67-53
AD-662 715
MAINTENANCE
AIRCRAFT EQUIPMENT
AIRCRAFTS
PROPULSION
FLIGHT CONTROL SYSTEMS
ELECTRICAL EQUIPMENT
HYDRAULIC SYSTEMS
FLIGHT AIDS
COCKPIT
RESEARCH PLANES
FV-5A AIRCRAFT
AIRCRAFT SYSTEMS
NAVIGABILITY AUGMENTATION SYSTEMS

6A 00359 NAT U
02-G
KISTELUNSKI, E.
PERLMUTTER, A. A.
TANG, J.
DYNASCIENCES CORP., BLUE BELL, PENNA.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
STABILITY AND CONTROL HANDBOOK FOR
HELICOPTERS.
GENERAL DISTRIBUTION
AUG 1967, 523 P, ILLUS
DA-44-177-AMC-147/T/
USAAVLABS-TK-67-63
AD-662 259
STABILITY
CONTROL
HANDBOOKS
HELICOPTERS
EQUATIONS
MOTION
TRIM
PITCH /MOTION/
THEORY
HELICOPTER ROTORS
STANDARDS
ROLL

6A 00360 NAT U
08-U
HEALO, J. H.
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
THE MAKING OF TEST THESAURUS OF
ENGINEERING AND SCIENTIFIC TERMS.
GENERAL DISTRIBUTION
NOV 1967, 174 P, ILLUS, 417 REFS
DNK-26
AD-661 001
INDEXES
DESIGN
VOCABULARY
THESAURUS
ENGINEERING
PROJECT LEY

6A 00361 NAT U
08-F
DEPARTMENT OF DEFENSE, WARRENTON, VA.
PROCEEDINGS OF LOGISTICS RESEARCH
CONFERENCE.
GENERAL DISTRIBUTION
MAY 1965, 169 P, ILLUS
AD-617 791
SYMPOSIA
LOGISTICS
ARMED FORCES PROCUREMENT
UNITED STATES GOVERNMENT
INDUSTRIES
DESIGN
PRODUCTION
MAINTENANCE
COSTS
EFFECTIVENESS
SIMULATION
INVENTORY

6A 00362 NAT U
12-A
DANIEL, W. F., LT. COL.
AIR UNIV., MAXWELL AFB, ALA.
INTERNATIONAL PROBLEMS WHICH WILL
BE CREATED BY THE COMMERCIAL SST.
VOLUME VI NO. 2, JANUARY 1968.
GENERAL DISTRIBUTION
JAN 1968, 59 P
SUPERSONIC TRANSPORTS
LAW
SONIC BOOM
OVERFLIGHT
WOUNDS AND INJURIES
PRESSURE

68 00363 NAT U
02-G
CROSLY, J. K., MAJ., MSC.
BAILEY, R. W., LTC., MSC.
NIX, M. S., JR., MAJ., VC.
ARMY AEROMEDICAL RESEARCH
UNIT., FORT RUCKER, ALA.
IMPROVING HELICOPTER CONSPICUITY
THROUGH THE USE OF PAINTED MAIN
ROTOR BLADES.#
GENERAL DISTRIBUTION
OCT 1967, 5 P, TABLE
DA-PROJ-340-2560-1A-819
ARU-68-2
AD-661 067
HELICOPTER ROTORS
PAINTS
COLOR VISION
VISIBILITY
UH-1H HELICOPTER

68 00364 NAT U
02-D
DEAN, H. F.
HAPPER, K. F.
NAVAL ELECTRONICS LAB. CENTER, SAN DIEGO,
CALIF.
RELIABILITY SCREENING AND STEP-STRESS
TESTING OF DIGITAL-TYPE MICROCIRCUITS.#
GENERAL DISTRIBUTION
SEP 1967, 70 P, ILLUS, TABLES, 2 REFS
SF-013-14-04
TASK-5786
NELC-RK-1512
AD-662 197
CIRCUITS
MICROMINIATURIZATION /ELECTRONICS/
RELIABILITY
STRESSES
FAILURE /MECHANICS/
TEST METHODS
INFRARED DETECTORS

68 00365 NAT U
02-G
GIROU, F.
NAVAL CIVIL ENGINEERING LAB.,
PORT HUENEME, CALIF.
STATE OF THE ART UNINTERRUPTIBLE POWER
SYSTEMS.#
GENERAL DISTRIBUTION
JAN 1968, 25 P, ILLUS
IN-688
AD-667 441
POWER SUPPLIES
ELECTRIC POWER PRODUCTION
DESIGN
TECHNIQUES
OPERATIONS RESEARCH
NAVAL RESEARCH LABORATORIES

68 00366 NAT U
04-E
LOWE, R. J.
LIMBIOTTE, D. J.
CHAMBERLIN, W. M.
NAVAL CIVIL ENGINEERING LAB.,
PORT HUENEME, CALIF.
AIRFIELD PAVEMENT EVALUATION, USNAS
LOS ALAMITOS, CALIFORNIA.#
GENERAL DISTRIBUTION
JUL 1967, 210 P, ILLUS, TABLES, 6 REFS
Y-F075-15-02-1251
MCCL-TN-902
AD-819 862
LANDING FIELD.
NAVY
ANALYSIS
DESIGN
CONSTRUCTION
PAVEMENTS
SOILS
AIR TRAFFIC
METEOROLOGICAL PHENOMENA
CONCRETE
MATERIALS
USNAS LOS ALAMITOS, CALIF.

68 00367 NAT U
02-D
HOEFFEL, J. C., LT.
NAVAL AIR TEST CENTER, PATUXENT RIVER, MD.
A STUDY OF INTEGRATED ENGINE INSTRUMENT
REQUIREMENTS.# FINAL REPORT.
GENERAL DISTRIBUTION
DEC 1965, 50 P, ILLUS
ST31-106R-65
AD-923 719L
ENGINE STRUCTURES
DESIGN
INSTRUMENTATION
PROPULSION
CONTROL SYSTEMS
TURBINES

68 00368 NAT U
09-U
SESSLER, J. G.
WEISS, V.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
AEROSPACE STRUCTURAL METALS HANDBOOK.#
VOLUME I. FERROUS ALLOYS.
GENERAL DISTRIBUTION
MAR 1967, 79 P, ILLUS
ASD-TOR-63-741-VOL-I
AD-819 736
SPACE TECHNOLOGY
METALS
HANDBOOKS
IRON ALLOYS
STRUCTURAL PARTS

68 00369 NAT U
09-U
SESSLER, J. G.
WEISS, V.
RESEARCH AND TECHNOLOGY DIV.,
WRIGHT-PATTERSON AFB, OHIO.
AEROSPACE STRUCTURAL METALS HANDBOOK.#
VOLUME II. NON-FERROUS LIGHT METAL ALLOYS.
GENERAL DISTRIBUTION
MAR 1967, 40 P, ILLUS
ASD-TOR-63-741-VOL-II
AD-819 702
SPACE TECHNOLOGY
METALS
HANDBOOKS
ALUMINUM ALLOYS
MAGNESIUM ALLOYS
TITANIUM ALLOYS
ALL JOINTS
STRUCTURAL PARTS

68 00370 NAT U
04-D
SESSLER, J. G.
WEISS, V.
AIR FORCE MATERIALS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
AEROSPACE STRUCTURAL METALS HANDBOOK.#
NON-FERROUS HEAT RESISTANT ALLOYS. VOLUME
IIA.
GENERAL DISTRIBUTION
MAR 1967, 40 P, ILLUS
ASD-TDR-63-741-VOL-IIA
AD-619 634
SPACE TECHNOLOGY
METALS
STRUCTURAL PARTS
HEAT-RESISTANT METALS AND ALLOYS
COPPER ALLOYS
NICKEL ALLOYS
MOLYBDENUM ALLOYS
TANTALUM ALLOYS
VANADIUM ALLOYS
HANDBOOKS
BERYLLIUM ALLOYS
COLUMBIUM ALLOYS
TUNGSTEN ALLOYS
ZIRCONIUM ALLOYS

68 00371 NAT U
04-D
WEISS, V.
SESSLER, J. G.
RESEARCH AND TECHNOLOGY DIV.,
WRIGHT-PATTERSON AFB, OHIO.
AEROSPACE STRUCTURAL METALS HANDBOOK.#
VOLUME II. NON-FERROUS METAL ALLOYS.
NO FOREIGN
MAR 1966, 50 P, ILLUS
ASD-TDR-63-741-VOL-2-SUPPL/13
AD-687 355
SPACE TECHNOLOGY
STRUCTURAL PARTS
METALS
HANDBOOKS
IRON ALLOYS

68 00372 NAT U
02-R
OLESEN, W. H.
OGDEN AIR MATERIAL AREA, HILL AFB, UTAH.
REPORT OF TEST ON EVALUATION OF IMPROVED
H-58 HNAKES GOODYEAR P/N 950752.#
GOVERNMENT AGENCIES ONLY
MAY 1967, 28 P, ILLUS
NET-4-F-10
AD-820-295
TEST METHODS
DESIGN
LIFE EXPECTANCY

68 00373 NAT U
10-A
MITCHELL, L. V.
NAVY. ENVIRONMENTAL TECHNICAL APPLICATIONS
CENTER, WASHINGTON, D. C.
RADIUS OF DEW-POINT ACCURACIES
40 DEGREE C TO -40 DEGREE C.#
GENERAL DISTRIBUTION
AUG 1967, 24 P, ILLUS. TABLES, 6 REFS
AWST-M-198
AD-697 760
RADIOSONDES
ATMOSPHERIC
MOISTURE
DEW POINT
HUMIDITY
ERRORS

68 00374 NAT U
19-B
KROCFMAN, M. J.
DUVAL, D. S.
AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
PHYSICAL AND CHEMICAL PROPERTIES OF
JP-4 JET FUEL FOR 1966.#
GENERAL DISTRIBUTION
SEP 1967, 116 P, TABLES
AF33/6157-2692
UDRI-TR-67-139
AD-660 457
MECHANICAL PROPERTIES
CHEMICAL PROPERTIES
JET ENGINE FUELS
CHECKOUT PROGRAM
TEMPERATURE
STABILITY

68 00375 NAT U
02-D
TYNTYNOW, V. A.
LOVINSKY, S. I.
AIR FORCE SYSTEMS COMMAND, FOREIGN
DIV., WRIGHT-PATTERSON AFB, OHIO.
AIRCRAFT ENGINES
GENERAL DISTRIBUTION
MAY 1967, 281 P, ILLUS
FTD-MT-65-212
AD-662 481
AIRPLANE ENGINES
THERMODYNAMICS
AVIATION FUELS
OILS
JET ENGINES
LUBRICATION
COMBUSTION
TURBOJET ENGINES
TURBOPROPPELLER JET ENGINES
RAMJET ENGINES
GAS TURBINE
EXHAUST SYSTEMS
ENGINE STARTERS
DESIGN
ENGINE STRUCTURES

68 00376 NAT U
01-E
MYACHIN, V. V.
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
DYNAMIC BALANCING OF ROTORS USED
IN INSTRUMENT MAKING.#
GENERAL DISTRIBUTION
APR 1967, 15 P, ILLUS
FTD-MT-24-97-67
AD-662 477
AIRCRAFT EQUIPMENT
GYROSCOPES
FLIGHT INSTRUMENTS

68 00377 NAT U
09-A
MALEY, D. R.
APPLE, W. R.
CARD, J. B.
CROSSAN, M. V.
MALEY, S. W., DR.
AUTOMATION INDUSTRIES, INC., BOULDER, COLO.
AIR FORCE MATERIALS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
NON-DESTRUCTIVE EVALUATION OF MATERIAL
PROPERTIES THROUGH USE OF A THERMAL INSPECTION
SYSTEM.#
NO FOREIGN
NOV 1967, 184 P, ILLUS, 14 REFS
AF33/615/-1531
AFML-TR-66-192
AD-A23 652
TEMPERATURE
MATERIALS
DIFFUSION
TEST METHODS
TECHNIQUES
LAMINATES
HONEYCOMB CORES
COATINGS
METAL PLATES
GLASS TEXTILES
POROSITY
PLASTICS

68 00378 NAT U
09-C
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
EVALUATION TECHNIQUES FOR FIBERS AND
YARNS USED BY THE FIBROUS MATERIALS BRANCH,
NONMETALLIC MATERIALS DIVISION, AIR FORCE
MATERIALS LABORATORY.#
GENERAL DISTRIBUTION
SEP 1967, 104 P, ILLUS, 3 REFS
AFML-TR-67-159
AD-662 355
TECHNIQUES
FIBERS
MECHANICAL PROPERTIES
DENSITY
ELASTICITY
TENSILE PROPERTIES
ANALYSIS

68 00379 NAT U
10-G
CROOKS, W. M.
DOHLIT, F. M.
PROPHET, D. T.
DAVID, T.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
PROJECT HICAS AN INVESTIGATION OF
HIGH ALTITUDE CLEAR AIR TURBULENCE.#
VOLUME 1.
NO FOREIGN
NOV 1967, 255 P, ILLUS, 23 REFS
AF33/657/-11143
AFFDL-TR-67-123-VOL-1
AD-A24 865
HIGH-ALTITUDE
CLEAR AIR TURBULENCE
INSTRUMENTATION
GUSTS
VELOCITY
DATA PROCESSING SYSTEMS
WATERFALL FORECASTING
PROJECT HICAS

68 00380 NAT U
08-F
MANN, I. D.
DOUGLAS AIRCRAFT CO., INC.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
AN APPRAISAL OF THE STRUCTURAL LOADS
PROGRAM OF THE SIX-DEGREE-OF-FREEDOM FLIGHT-
PATH COMPUTER PROGRAM.#
NO FOREIGN
OCT 1967, 178 P, ILLUS, 21 REFS
AF33/615/-1854
AFFDL-TR-67-126
AD-624 433
FLIGHT PATH
COMPUTERS
AERODYNAMIC FORCES
EQUATIONS
AERODYNAMIC LOADING
FLUID DYNAMIC PROPERTIES
THEORY
MOTION
AERUELASTICITY
STRUCTURAL PARTS

68 00381 NAT U
02-E
MEEREN, J. I.
HALL, G. W.
CONNELL AERONAUTICAL LAB., INC., BUFFALO.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
IN-FLIGHT EVALUATION OF LATERAL-
DIRECTIONAL HANDLING QUALITIES FOR THE
FIGHTER MISSION.#
NO FOREIGN
OCT 1967, 171 P, ILLUS, 18 REFS
AF33/615/-3294
AFFDL-TR-67-98
AD-A24 244
FLIGHT TESTING
HANDLING
ROLL
DAMPING
SIDESLIP
FIGHTERS
SIMULATION
FLIGHT CHARACTERISTICS
T-33 AIRCRAFT
DUTCH ROLL

68 00382 NAT U
01-C
BLACKMAN, D. R.
CLARK, D. M.
MCNULTY, G. J.
WILBY, J. F.
SOUTHAMPTON, ENGLAND, UNIV.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
BOUNDARY LAYER PRESSURE FLUCTUATIONS
AND STRUCTURAL RESPONSE.#
NO FOREIGN
OCT 1967, 117 P, ILLUS, 29 REFS
AF61/052/-756
AFFDL-TR-67-97
AD-A24 657
TURBULENT BOUNDARY LAYER
PRESSURE
VIBRATION
LAMINAR BOUNDARY LAYER
NOISE
DAMPING
WIND TUNNELS
AIRPLANE PANELS
RESPONSE

68 00383 NAT U
01-C
WILBY, J. F.
SOUTHAMPTON, ENGLAND, UNIV.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
THE RESPONSE OF SIMPLE PANELS TO
TURBULENT BOUNDARY LAYER EXCITATION.#
NO FOREIGN
OCT 1967, 350 P, ILLUS. TABLES, 14 REFS
AF61/0527-756
AFFDL-TR-67-70
AD-824 482
RESPONSE
AIRPLANE PANELS
TURBULENT BOUNDARY LAYER
EXCITATION
DAMPING
ACOUSTIC PROPERTIES
CONVECTION
MEASUREMENT
FLEXIBLE STRUCTURES
VIBRATION

68 00384
09-G
KUBIAK, F. J.
FRANK, L. M.
GENERAL AMERICAN TRANSPORTATION CORP.,
NILES, ILL.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
DEVELOPMENT OF LABORATORY MODEL
FATIGUE CRACK DETECTION TECHNIQUES.
INFRARED TECHNIQUES.#
NO FOREIGN
OCT 1967, 94 P, ILLUS.
AF33/6157-2501
AFFDL-TR-67-39
AD-824 656
INFRARED DETECTIONS
DESIGN
FATIGUE /MECHANICS/
FRACTURE /MECHANICS/

68 00385 NAT U
01-F
HOENER, R. F.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
LOADS REQUIREMENTS FOR AEROSPACE
VEHICLE STRUCTURES.#
GENERAL DISTRIBUTION
NOV 1967, 164 P, ILLUS. TABLES
FOL-TOR-64-5
AD-854 405
AEROSPACE CRAFT
STRUCTURES
AERODYNAMIC LOADING
DESIGN
STANDARDS
LAUNCHING VEHICLES /AEROSPACE/
RE-ENTRY VEHICLE
ENVIRONMENTAL TESTS

68 00386
08-A
SPENCER, D. E.
HOWARD UNIV., WASHINGTON, D. C., DEPT. OF
ECONOMICS.
MILITARY TRANSFER OF TECHNOLOGY
GENERAL DISTRIBUTION
MAR 1967, 276 P, 92 REFS
AF-APUSR-533-67
AD-860 507
ARMED FORCES PROCEEDINGS
TRAINING
TRANSOCEANIC
AIRCRAFT INDUSTRY
MILITARY AIRCRAFT
ENGINEERING
ARMED FORCES PROCEEDINGS
WEAPON SYSTEMS
LABOR
MAINTENANCE
INDUSTRIAL RESEARCH
MILITARY RESEARCH
ECONOMICS
TECHNOLOGY
MILITARY TRANSFER
JAPAN
TAIWAN
KOREA
MILITARY RESEARCH
PACIFIC COUNTRIES
ECONOMIC REDEVELOPMENT

68 00387 NAT U
06-C
YOUNG, G. O.
KSIENSKI, A. A.
HUGHES AIRCRAFT CO., FULLERTON CITY, CALIF.
AIR FORCE CAMBRIDGE RESEARCH LABS.,
BEDFORD, MASS.
STUDY OF APPLICATION OF ANTENNA
OPTIMIZATION TECHNIQUES.#
GENERAL DISTRIBUTION
NOV 1967, 14 P
AF19/628/-4358
AFCL-67-0632
AD-662 341
DESIGN
NAVIGATIONAL AIDS
DISPLAY SYSTEMS
TRANSCOMMUNICATION

68 00388 NAT U
06-C
EHRENSPECK, H. W.
AIR FORCE CAMBRIDGE RESEARCH LABS.,
L. G. HANSON FIELD, BEDFORD, MASS.
HIGH-GAIN UHF BACKFIRE ANTENNA
FOR COMMUNICATIONS, TELEMETRY, AND
RADIO ASTRONOMY.#
GENERAL DISTRIBUTION
OCT 1967, 18 P, ILLUS. 12 REFS
AFCL-67-0568
AD-662 587
ANTENNAS
ULTRAHIGH FREQUENCY
COMMUNICATION SYSTEMS
TELEMETRY SYSTEMS
RADIO ASTRONOMY
ANTENNA RADIATION PATTERNS
DESIGN
GAIN

68 00389 NAT U
02-E
AUSTIN, W. H.
GENERAL PRECISION SYSTEMS, INC.,
BINGHAMTON, N. Y.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
ENGINEERING MEMORANDUM FOR THE PROTOTYPE
ELECTRONIC FLIGHT PROFILE INDICATOR.#
NO FOREIGN
NOV 1966, 43 P, ILLUS
AF33/615/-3952
LIM-67/14
AD-817 612
DESIGN
NAVIGATIONAL AIDS
DISPLAY SYSTEMS

68 00390 NAT U
04-M
WALSH, T.
BEST, G.
GENERAL ELECTRIC CO., KING OF PRUSSIA, PENNA.
HOME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
ACCELERATED TESTING OF HIGH RELIABILITY
PARTS.#
NO FOREIGN
JUN 1967, 358 P, ILLUS
AF40/602/-3968
RADL-TR-67-71-VOLS-I-II
AD-819 853
RELIABILITY
ELECTRONIC EQUIPMENT
CAPACITORS
FAILURE /MECHANICS/
SEMICONDUCTOR DEVICES
RESISTORS
CERAMIC MATERIALS
GLASS
STRESSES
TEST METHODS

68 00391 NAT U
01-E
MCINTYRE, H. H.
HASHEM, J. S.
KAMAN AIRCRAFT CORP., BLOOMFIELD, CONN.
ANALYTICAL STUDY TO DETERMINE
DESIGN CRITERIA OF NON-SERVO
FLAP CONTROLLED ROTORS.# FINAL
REPORT.
GENERAL DISTRIBUTION
JUN 1967, 89 P, ILLUS
KA-R-700
AD-824 3620
DESIGN
STANDARDS
HELICOPTER MOTORS
TRANSITION FLIGHT
FLIGHT SPEEDS
AERODYNAMIC LOADING
MANEUVERABILITY
PITCH /ROTATION/
ROLL
CONTROL SYSTEMS
OH-2 HELICOPTER

68 00392 NAT U
10-A
HARRISON, H. T.
SONA, D. F.
UNITED AIR LINES, INC., CHICAGO.
NORTHWEST AIRLINES, INC., CHICAGO.
MOUNTAIN WAVE EXPOSURE ON JET ROUTES
OF NORTHWEST AIRLINES AND UNITED AIR
LINES.#
GENERAL DISTRIBUTION
FEB 1966, 66 P, ILLUS, 23 REFS
UAL-MC-60
AIR CARRIERS
MOUNTAINS
EXPOSURE
JET PLANES
AIR ROUTES
WEATHER FORECASTING
NORTHWEST AIRLINES

68 00393 NAT U
02-M
TAN, P. M.
HALE, R. W.
ORDWAY, D. E.
THERM ADVANCED RESEARCH, INC., ITHACA, N. Y.
EXPERIMENTAL STUDY OF PILOT VISIBILITY
FROM A VTOL AIR/SEA CRAFT NEAR THE OCEAN
SURFACE.#
GENERAL DISTRIBUTION
JUL 1967, 34 P, ILLUS, 12 REFS
N0014-66-C-0320
TAR-TR-6704
AD-661 253
PILOTS
VISIBILITY
VERTICAL TAKE-OFF PLANES
DOWNWASH
MODEL TESTS
AMPHIBIAN PLANES

68 00394 NAT U
02-K
KUMMEN, H. W.
PENNSYLVANIA STATE UNIV., UNIVERSITY PARK.
RUBBER AND TIRE FRICTION.#
GENERAL DISTRIBUTION
DEC 1960, 96 P, ILLUS, 65 REFS
ERB-B-80
RUBBER
FRICTION
ADHESION
HYSTERESIS
MEASUREMENT
PNEUMATIC BRAKES
PASSENGER VEHICLES
SAFETY

68 00395 NAT U
02-D
SWAN, W. C.
BOEING CO., RENTON, WASH.
A DISCUSSION OF SELECTED AERODYNAMIC
PROBLEMS ON INTEGRATION OF PROPULSION
SYSTEMS WITH THE AIRFRAME ON TRANSPORT
AIRCRAFT.#
GENERAL DISTRIBUTION
OCT 1965, 32 P, ILLUS, 24 REFS
06-14084
466-14136
TRANSPORT PLANES
AERODYNAMIC FORCES
PROPULSION
AIRFRAMES
ENGINE NOZZLES
LIFT
DRAG
THEORY

67 00446
02-F
WILSON, T. L.
MILITARY AIRPLANE
ELECTRICAL BONDING AND EMI PROBLEMS
AFFECTING AIRPLANE EXPLOSION HAZARD
GENERAL DISTRIBUTION
SEP 1966, 26 P, ILLUS, 6 REFS
D2-1247
AD-820 294
AIRCRAFT
HAZARDS
EXPLOSION EFFECTS
BONDING
ELECTRICAL EQUIPMENT

68 00447
08-F
LOGISTICS MANAGEMENT INST.,
WASHINGTON, D. C.
MULTI-YEAR PROCUREMENT
CONTRACT EFFECTS
GENERAL DISTRIBUTION
OCT 1967, 33 P
SD-271-30
TASK-67-20
AD-662 403
PROCUREMENT
MANAGEMENT ENGINEERING
CONTRACTS

68 00498
08-F
LOGISTICS MANAGEMENT INST.,
WASHINGTON, D. C.
MULTI-YEAR PROCUREMENT CONTRACT
SUBCONTRACTOR LEVEL
GENERAL DISTRIBUTION
JUN 1967, 32 P
SD-271
TASK-67-13
AD-655 815
PROCUREMENT
MANAGEMENT ENGINEERING
SUBCONTRACTING

68 00399
02-N
KUSINTHAL, R.
CHUNG, J.
WRIGHT, J.
VOGL, J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
SCIENTIFIC AND TECHNICAL INFORMATION
FACILITY, WASHINGTON, D. C.
AIRCRAFT PRELIMINARY DESIGN REPORT
V-22 JET OPERATIONS RESEARCH AIRPLANE
DESIGN STUDY-SECTIONS I TO V. PART I.
GENERAL DISTRIBUTION
APR 1967, 150 P, ILLUS
NAV-16678
NAV-67-66421
N67 3382
AIRCRAFT
DESIGN
VERTICAL TAKE-OFF PLANES
SHORT TAKE OFF PLANES
RESEARCH PLANES
OPERATION
EFFECTIVENESS
PROPULSION
THERMODYNAMICS
STABILITY
CONTROL
STRUCTURES
WEIGHT
HYDRAULIC SYSTEMS
CONCEPTS
ELECTRICAL EQUIPMENT
QUALITY CONTROL

NAT U

NAT U

NAT U

68 00400
02-F
THEOPHIL, P. L.
PARIS. ADVISORY GROUP FOR AERONAUTICAL
RESEARCH AND DEVELOPMENT.
ASSESSMENT OF SKILL AND PERFORMANCE
FLYING.
GENERAL DISTRIBUTION
SEP 1966, 127 P, TABLES
AGARD-CP-14
AD-661 145
HUMAN ENGINEERING
ERRORS
OPERATION
EFFECTIVENESS
PILOT
CIVIL AVIATION
TRANSCONTINENTAL
FLIGHT
NAVIGATION
MULTI-ENGINE
TRAINING DEVICES
FLIGHT SIMULATORS
MAN-MACHINE SYSTEMS
LEARNING
AGING /PHYSIOLOGY/
PHOSPHOLIPIDS
STRUCTURAL ANALYSIS
ELECTRONEUMATICS
SCIENTIFIC RESEARCH
PSYCHOLOGY
HYPOXIA
PERCEPTION

68 00401
09-B
ROGERS, M. J.
MYTH, H. W. G.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
INVESTIGATION INTO A FUEL TANK
EXPLOSION BRITANNIA G-ARKE
NO FOREIGN
APR 1967, 15 P, ILLUS, 7 REFS
RAE-TR-67040
AD-619 892
FUEL TANKS
EXPLOSION
ELECTRIC DISCHARGES
FOAMS
IGNITION

68 00402
06-F
JOHNCOCK, M.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
AN AUTO-SCANNING DATA PROCESS FOR
AIRCRAFT AND WEAPON SYSTEMS.
NO FOREIGN
APR 1967, 25 P, ILLUS
RAE-TR-67097
AD-820 560
DATA PROCESSING SYSTEMS
AIRCRAFT
WEAPON SYSTEMS
SCANNING
AUTOMATIC
MALFUNCTIONS

68 00403
02-H
PHILLIPS, L. G.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
SELF-ADHESIVE STRAIN GAUGES.
NO FOREIGN
JAN 1967, 26 P, ILLUS, 19 REFS
RAE-TR-67021
AD-618 892
STRAIN GAUGES
DESIGN

68 00404 U
02-E
HALL, H.
GT. BRIT. AERONAUTICAL RESEARCH COUNCIL.
SOME THEORETICAL STUDIES CONCERNING
OLD DAMPING CHARACTERISTICS.#
GENERAL DISTRIBUTION
OCT 1966, 16 P, ILLUS, 2 REFS
ARC-CP-951
AD-819 833
THEORY
DAMPING
LANDING
TAXIING
RUNWAYS
VELOCITY
TOUCHDOWN

68 00405 U
02-M
MULLEN, N. I.
GT. BRIT. AERONAUTICAL RESEARCH COUNCIL.
A REVIEW OF COUNTING ACCELEROMETER DATA
ON AIRCRAFT GUST LOADS.#
GENERAL DISTRIBUTION
JUL 1966, 49 P, ILLUS, 22 REFS
ARC-CP-954
AD-819 835
ACCELEROMETERS
DATA
GUST LOAD
TRANSPORT PLANES
TURBULENCE
INTENSITY

68 00406 U
02-E
PINSKER, W. J. G.
GT. BRIT. AERONAUTICAL RESEARCH COUNCIL.
ZERO RATE OF CLIMB SPEED AS A LOW SPEED
LIMITATION FOR THE STALL-FREE AIRCRAFT.#
GENERAL DISTRIBUTION
MAY 1966, 24 P, ILLUS
ARC-CP-931
AD-819 831
FLIGHT SPEEDS
CLIMBING
IMAG
IMPUST
ZERO RATE OF CLIMB

68 00407 U
01-A
RIMNER, H. S.
TORONTO, UNIV. INST. FOR AEROSPACE STUDIES.
QUADRUPLE CORRELATIONS GOVERNING THE
PATTERN OF JET NOISE.#
GENERAL DISTRIBUTION
NOV 1967, 29 P, ILLUS, 21 REFS
AF-APSP-672-67
DTAS-R128
AD-662 012
JET ENGINE NOISE
CONVECTION
REFRACTION
THEORY
FLUID DYNAMIC PROPERTIES
EQUATIONS
ACOUSTICS

68 00408 U
02-C
ANDREWS, T. R.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
PERFORMANCE TESTS ON BRUSHLESS SYNCHROS.#
NO FOREIGN
JUN 1967, 12 P, ILLUS, TABLES, 2 REFS
RAE-TR-67129
AD-824 540
ELECTRICAL IMPEDANCE
ELECTRIC POTENTIAL
ERRORS
MACHINES
OPERATION
EFFECTIVENESS

68 00409 U
01-C
COOKE, J. C.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE REFRACTION OF SOUND BY A VORTEX.#
GENERAL DISTRIBUTION
AUG 1967, 23 P, ILLUS, 4 REFS
RAE-TR-67175
AD-824 262
ACOUSTICS
REFRACTION
VORTICES
FLUID DYNAMIC PROPERTIES
DEFLECTION
EQUATIONS
VELOCITY

68 00410 U
01-U
KITTLE, J. J.
KIRBY, D. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
LOW-SPEED WIND-TUNNEL TESTS ON THE EFFECTS
OF TAILPLANE AND NACELLE POSITION ON THE
SUPERSTALL CHARACTERISTICS OF TRANSPORT
AIRCRAFT.#
NO FOREIGN
AUG 1967, 34 P, ILLUS, 6 REFS
RAE-TR-67197
AD-824 254
WIND TUNNELS
AERODYNAMIC CONFIGURATIONS
NACELLES
STALLING
TRANSPORT PLANES
STABILIZERS /HORIZONTAL TAIL SURFACE/

68 00411 U
01-C
SIMPSON, H. R., SQN. LDM.
GT. BRIT. ROYAL RADAR ESTABLISHMENT,
MALVERN, WORCS, ENGLAND.
DETERMINATION OF SATELLITE ROTATION
PARAMETERS FROM OBSERVATIONS OF SPECULAR
REFLECTION TIMING.#
NO FOREIGN
DEC 1966, 33 P, ILLUS, TABLES, 8 REFS
RAE-TN-726
AD-822 615
SATELLITES /ARTIFICIAL/
ROTATION
MATHEMATICAL ANALYSIS
MATHEMATICAL MODELS
COMPUTERS

68 00412 U
02-N
TEMPLIN, R. J.
CANADA, NATIONAL RESEARCH COUNCIL,
NATIONAL AERONAUTICAL ESTABLISHMENT,
OTTAWA.
A MOMENTUM RULE FOR OPTIMUM AIRCRAFT
PERFORMANCE IN THE V/SFOL TRANSITION REGIME.
GENERAL DISTRIBUTION
JAN 1967, 40 P, ILLUS
NRC-NAE-LR-470
AD-819 596
MOMENTUM
VERTICAL TAKE-OFF PLANE
SHORT TAKE-OFF PLANE
TRANSITION FLIGHT
THEORY
PROPULSION
LIFT
WINGS
PROPELLERS /AERIAL/
FANS

68 00413
02-N
PEAKE, D. J.
DELLA VALLE, N. J.
CANADA, NATIONAL RESEARCH COUNCIL,
NATIONAL AERONAUTICAL ESTABLISHMENT, OTTAWA.
A STUDY OF WINDSHIELD TEMPERATURES IN
FLIGHT ON THE RCAF YUKON AIRCRAFT.
GENERAL DISTRIBUTION
AUG 1967, 15 P, ILLUS, TABLES, 7 REFS
NRC-NAE-LR-489
AD-824 541
WINDSHIELDS
TEMPERATURE
MEASUREMENT
BIRDS
COLLISION AVOIDANCE
MILITARY AIRCRAFT
RCAF YUKON AIRCRAFT

68 00414 U
02-N
PEAKE, D. J.
CANADA, NATIONAL RESEARCH COUNCIL,
NATIONAL AERONAUTICAL ESTABLISHMENT, OTTAWA.
SOME ADDITIONAL LOW SPEED BIRD IMPACT TESTS
ON A MODIFIED WINDSHIELD OF THE CL-41 TUTOR
AIRCRAFT.
GENERAL DISTRIBUTION
AUG 1967, 14 P, ILLUS, TABLES, 4 REFS
NRC-NAE-LR-488
N68-1316
BIRDS
COLLISIONS
WINDSHIELDS
TEST METHODS
CL-41 TUTOR AIRCRAFT

68 00415 U
02-N
ROTHWELL, N. J.
WESTLAND AIRCRAFT, LTD., LONDON,
GT. BRIT. MINISTRY OF TECHNOLOGY,
DEPARTMENT OF MATERIALS RESEARCH
AND DEVELOPMENT, LONDON.
INVESTIGATION INTO THE USE OF REINFORCED
PLASTICS IN THE HESSER HELICOPTER TO PREVENT
CORROSION.
GENERAL DISTRIBUTION
JUL 1967, 30 P, ILLUS
D-MAT-N-140
AD-662 371
REINFORCING MATERIALS
HELICOPTERS
CORROSION INHIBITION
PLASTICS
SANDWICH CONSTRUCTION
ALUMINUM ALLOYS
STEEL ALLOYS

68 00416 U
01-C
HOPKINS, H. M.
THOMAS, H. M.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
WINDBOROUGH, HANTS, ENGLAND.
PROPOSED TERMS FOR DESCRIBING SOME
PROPERTIES OF PHYSICAL SYSTEMS
IN FOREIGN
JUL 1967, 81 P
4AL-TH AERL-497
AD-824 601
VOCABULARY
VIBRATION
DAMPING
LINEAR SYSTEMS
AIRCRAFT
DYNAMICS

68 00417
02-E
MURPHY, J. J.
FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D.C.
CHANGING MAINTENANCE SCHEDULES
ET AL.
FEDERAL AVIATION ADMINISTRATION MAINTENANCE
SYMPOSIUM.
GENERAL DISTRIBUTION
NOV 1967, 2 P
MAINTENANCE
THEORY
AIR CARRIERS
COSTS
RELIABILITY

68 00418 U
02-E
FEADOR, R. M.
TRANS WORLD AIRLINES, INC.
CONTROL OF PERIODIC MAINTENANCE THROUGH
RELIABILITY ANALYSIS SYSTEMS.
FEDERAL AVIATION ADMINISTRATION MAINTENANCE
SYMPOSIUM.
GENERAL DISTRIBUTION
NOV 1967, 6 P
MAINTENANCE
CONTROL
AIR CARRIERS
RELIABILITY

68 00419 U
02-E
MASIELLO, N. J.
ALLEGHENY AIRLINES, INC., PITTSBURGH.
FUTURE APPLICATIONS OF MAINTENANCE
RELIABILITY SYSTEMS FOR THE SMALL FLEET
OPERATOR.
FEDERAL AVIATION ADMINISTRATION MAINTENANCE
SYMPOSIUM.
GENERAL DISTRIBUTION
NOV 1967, 10 P
MAINTENANCE
RELIABILITY
AIR CARRIERS
THEORY
ELECTRICAL EQUIPMENT

68 00420 U
 08-E
 DAVIS, N. K.
 UNITED AIR LINES.
 TEST AND REPLACE AS NECESSARY /TANAN/
 PROGRAM.#
 FEDERAL AVIATION ADMINISTRATION MAINTENANCE
 SYMPOSIUM.
 GENERAL DISTRIBUTION
 NOV 1967, 8 P
 MAINTENANCE
 AIR CARRIERS
 HYDRAULIC SYSTEMS
 THEORY
 DETECTION
 MALFUNCTIONS
 RELIABILITY
 PROGRAM TANAN /TEST AND REPLACE AS NECESSARY/

68 00421 U
 02-D
 GUN, M.
 EASTERN AIR LINES, MIAMI, FLA.
 EASTERN AIR LINES REAP - RELIABILITY
 ENGINEERING ANALYSIS AND PLANNING PROGRAM.#
 FEDERAL AVIATION ADMINISTRATION MAINTENANCE
 SYMPOSIUM.
 GENERAL DISTRIBUTION
 NOV 1967, 9 P, ILLUS
 POWER PLANTS /AIRCRAFT/
 AVIATION SAFETY
 RELIABILITY
 MAINTENANCE
 THEORY
 COSTS
 MALFUNCTIONS
 CONTROL
 AIR CARRIERS
 DECISION MAKING
 REAP /RELIABILITY ENGINEERING ANALYSIS
 AND PLANNING/

68 00422 U
 02-A
 GREGORY, H. S.
 BEECH AIRCRAFT CORP., WICHITA, KANS.
 BEECHCRAFT SUPPORT FOR THE BEECHCRAFT 99.#
 FEDERAL AVIATION ADMINISTRATION MAINTENANCE
 SYMPOSIUM.
 GENERAL DISTRIBUTION
 NOV 1967, 6 P
 AIRCRAFT
 DESIGN
 MAINTENANCE-FREE AIRCRAFT
 BEECHCRAFT 99 AIRCRAFT

68 00423 U
 02-E
 GARNETT, W. L.
 TRUNKLINE GAS CO.
 CONTINUED AIRWORTHINESS AS SEEN BY THE
 EXECUTIVE OPERATOR.#
 FEDERAL AVIATION ADMINISTRATION MAINTENANCE
 SYMPOSIUM.
 GENERAL DISTRIBUTION
 NOV 1967, 4 P
 AIRWORTHINESS
 GENERAL AVIATION AIRCRAFT
 MAINTENANCE

68 00424 U
 08-E
 HITE, J. G.
 ATLANTIC AVIATION CORP., WILMINGTON, DEL.
 MAINTAINABILITY AND RELIABILITY OF
 AIRCRAFT SYSTEMS.#
 FEDERAL AVIATION ADMINISTRATION MAINTENANCE
 SYMPOSIUM.
 GENERAL DISTRIBUTION
 NOV 1967, 10 P
 MAINTAINABILITY
 RELIABILITY
 AIRCRAFT EQUIPMENT
 AIRCRAFT INDUSTRY
 MAINTENANCE PERSONNEL

68 00425 U
 08-M
 SMITH, R. N.
 UNITED AIRCRAFT CORP. HAMILTON STANDARD DIV.,
 WINSTON SUEKS, CONN.
 ASSURING RELIABILITY IN JET FUEL
 CONTROLS.#
 FEDERAL AVIATION ADMINISTRATION MAINTENANCE
 SYMPOSIUM.
 GENERAL DISTRIBUTION
 NOV 1967, 6 P
 RELIABILITY
 JET ENGINE FUELS
 CONTROL
 MAINTENANCE

68 00426 U
 08-E
 ROBEKSON, K. D.
 NELSON, B. D.
 AMERICAN AIRLINES, MAINTENANCE AND
 ENGINEERING CENTER, TULSA, OKLA.
 THE VALUE OF MAINTENANCE.#
 FEDERAL AVIATION ADMINISTRATION MAINTENANCE
 SYMPOSIUM.
 GENERAL DISTRIBUTION
 NOV 1967, 27 P
 MAINTENANCE
 CONTROL SYSTEMS
 SCHEDULING
 COMPUTERS
 RELIABILITY
 CHAM /COMPONENT RELIABILITY ANALYSIS METHOD/

68 00427 U
 08-F
 ROGERS, R. A.
 AMERICAN AIRLINES, MAINTENANCE AND
 ENGINEERING CENTER, TULSA, OKLA.
 INTEGRATION OF AIRBORNE DATA RECORDERS
 AND GROUND-BASED COMPUTERS FOR ENGINE
 MAINTENANCE PURPOSES.#
 FEDERAL AVIATION ADMINISTRATION MAINTENANCE
 SYMPOSIUM.
 GENERAL DISTRIBUTION
 NOV 1967, 20 P, ILLUS
 AIRBORNE
 COMPUTERS
 DATA PROCESSING SYSTEMS
 RECORDING DEVICES
 MAINTENANCE
 AIRPLANE ENGINES
 DETECTION
 MALFUNCTIONS

68-00428 U
GEO
WRIGHT, R. M.
CELLING RADIO CO., CLEAR LAKE, ILL.
NEW DEVELOPMENTS IN AUTOMATIC TEST
AND CHECKOUT EQUIPMENT.
FEDERAL AVIATION ADMINISTRATION MAINTENANCE
SYMPOSIUM.
GENERAL DISTRIBUTION
NOV 1967, 12 P, ILLUS.
DESIGN
AUTOMATIC
TEST EQUIPMENT

68-00429
G2-H
WHITTAKER, J. L.
GENERAL CORP., WEST
SELF TEST AUTOMATIC TEST
INTEGRITY MONITORING
EQUIPMENT.
FEDERAL AVIATION ADMINISTRATION
SYMPOSIUM.
GENERAL DISTRIBUTION
NOV 1967, 14 P, ILLUS.
FUNCTIONS
TEST EQUIPMENT
ELECTRONICS
ELECTRONIC EQUIPMENT
AIRCRAFT
AUTOMATIC
CALCULATION

68-00430
7
FEDERAL AVIATION ADMINISTRATION
SERVICE, WASHINGTON, D. C.
FAA DEVELOPMENTS RELATING TO AIRCRAFT
AIRCRAFT SYSTEMS.
FEDERAL AVIATION ADMINISTRATION MAINTENANCE
SYMPOSIUM.
GENERAL DISTRIBUTION
NOV 1967, 3 P
DESIGN
AIRCRAFT EQUIPMENT
MONITORS
FAILURE MECHANISMS

68-00431 U
GEO
FEDERAL AVIATION ADMINISTRATION, FLIGHT
TRAINING SERVICE, WASHINGTON, D. C.
PHILIPPOPOULOS EVALUATION OF MAINTENANCE
PROGRAMS FOR NEW AIRCRAFT.
FEDERAL AVIATION ADMINISTRATION MAINTENANCE
SYMPOSIUM.
GENERAL DISTRIBUTION
NOV 1967, 8 P
MAINTENANCE
THEORY
AIRCRAFT

68-00432 U
GEO
HARRIS, J. L.
FEDERAL AVIATION ADMINISTRATION, FLIGHT
TRAINING SERVICE, WASHINGTON, D. C.
MAINTAINABILITY CONCEPT DEVELOPMENT FOR
CATEGORY II LANDING SYSTEMS.
FEDERAL AVIATION ADMINISTRATION MAINTENANCE
SYMPOSIUM.
GENERAL DISTRIBUTION
NOV 1967, 10 P
DESIGN
THEORY
MAINTAINABILITY
LANDING AIDS
EQUIPMENT LANDING

68-00433 U
GEO
ENGLISH, R. M.
MANLEY, R. L.
STANFORD RESEARCH INST., MENLO PARK, CALIF.
FEDERAL AVIATION ADMINISTRATION
RESEARCH AND DEVELOPMENT SERVICE
WASHINGTON, D. C.
FORECASTING CLEAR AIR TURBULENCE
COMPUTER TECHNIQUE
GENERAL DISTRIBUTION
SEP 1967, 10 P, ILLUS.
FAA-14-67
PROJ-154-102-001
SRDS-RD-67-45
AD-664 721
CLEAR AIR TURBULENCE
MATHEMATICAL
COMPUTATION

68-00434 U
GEO
HARRIS, J. L.
FEDERAL AVIATION ADMINISTRATION, FLIGHT
TRAINING SERVICE, WASHINGTON, D. C.
CLEAR AIR TURBULENCE
GENERAL DISTRIBUTION
AUG 1967, 10 P, ILLUS.
FAA-14-67
SRDS-RD-67-45
AD-664 722
ALL-WEATHER AVIATION
INSTRUMENT LANDING
SENSING ELEMENTS
THEORY
FAA-14-67
TEST METHODS

68-00435 U
GEO
PIPER, R. G.
WILLIAMS ELECTRIC CO., INC., KANSAS CITY, MO.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
DEVELOPMENT OF AIRLINE-TYPE PRECISION VOR
RECEIVER SYSTEM, PVOR #2.0 FINAL REPORT.
GENERAL DISTRIBUTION
AUG 1967, 36 P, ILLUS
FAA-14-67
PROJ-130-004-01N
SRDS-RD-67-51
AD-664 723
VOR/VOR OMNIDIRECTIONAL RADIO RANGE/
NAVIGATIONAL AIDS
RADIO RECEIVERS
COURSE INDICATORS
DESIGN
LOCALIZERS
CIRCUITS
ALL-WEATHER AVIATION

68-00436 U
GEO
SCOTT, J. N., III, CAPT.
WALKER, F. L., CAPT.
AIR FORCE INST. OF TECH., WRIGHT
PATTERSON AIR FORCE, OHIO.
RESOURCE MANAGEMENT SYSTEMS MAINTENANCE
CONCEPT DISTRIBUTION CONCEPT FOR MEANINGFUL
MANAGEMENT INFORMATION.
GENERAL DISTRIBUTION
AUG 1967, 101 P, ILLUS, TABLES
SRDS-15-67
AD-664 661
MANAGEMENT ENGINEERING
MAINTENANCE
COSTS
THEORY
AIRCRAFT
AIR FORCE
DESIGN METHODS

68 00445 NAT U
04-E
HOWELL, B. D.
PAGET, F. W.
PENNSYLVANIA ELECTRIC PRODUCTS, INC.,
SALEM, MASS.
ELECTROLUMINESCENT AIRFIELD LIGHTING
SYSTEM.# FINAL REPORT,
GOVERNMENT AGENCIES
JAN 1967, 40 P, ILLUS
DA-18-001-AMC-90100
LWL-CR05065
AD-820 5511
RUNWAYS
LIGHTING EQUIPMENT
ELECTROLUMINESCENCE
DESIGN
LANDING FIELDS

68 00446 NAT U
04-C
DOYLE, T.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE TRANSMISSION OF INFRARED RADIATION
FOR AND ITS APPLICATION TO THE TELEVISION
GENERAL DISTRIBUTION
JAN 1963, 12 P, ILLUS, 27 REFS
RAF-TM-HLEU-66
INFRARED EQUIPMENT
FEG
INSTRUMENT LANDINGS
RUNWAYS
LIGHTING EQUIPMENT
ALL-WEATHER AVIATION
INFRARED RADIATION
TEST METHODS

68 00447 NAT U
04-E
GODDARD, E. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
A METHOD OF INDICATING DISTANCE-TO-GO ALONG
A RUNWAY.#
GENERAL DISTRIBUTION
MAY 1964, 15 P, ILLUS, TABLES
RAF-TM-REU-99
RUNWAYS
NUMBERS
MEASUREMENT
RANGES / DISTANCE /
PATTERNS

68 00448 NAT U
04-E
HARRIS, J. R.
THOMAS, J. H. M. M.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
NOTES ON A VISIT BY R. L. F. J. T.
INTERNATIONAL CONTINENTAL AIRPORTS TO STUDY
LIGHTING INSTALLATIONS.#
GENERAL DISTRIBUTION
JAN 1967, 12 P, 4 REFS
RAF-TM-REU-75A
DESIGN
FLIGHT CONTROL SYSTEMS
STANDARD
STABILITY
TRIM
DIFFERENTIAL EQUATIONS

68 00449 NAT U
04-E
GODDARD, E. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
NOTES ON A VISIT BY R. L. F. J. T.
INTERNATIONAL CONTINENTAL AIRPORTS TO
STUDY LIGHTING INSTALLATIONS.#
GENERAL DISTRIBUTION
MAY 1963, 10 P, ILLUS
LIGHTING EQUIPMENT
RUNWAYS
TAXIWAYS
TOUCHDOWN
AIRPORTS
NIGHT LANDING
TEST METHODS

68 00450 NAT U
04-E
GODDARD, E. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
SNOW REMOVAL PORTFOLIO.#
GENERAL DISTRIBUTION
JUN 1966, 3 P
SNOW REMOVAL
TECHNIQUES
MELTING

68 00451 NAT U
04-D
BISHOP, D. E.
BOLT, BERANEK AND NEWMAN, INC., VAN NUYS,
CALIF.
FREQUENCY SPECTRUM AND TIME DURATION
DESCRIPTIONS OF AIRCRAFT FLYOVER NOISE
SIGNALS.#
GENERAL DISTRIBUTION
MAY 1967, 40 P, ILLUS, 20 REFS
FAB5-WA-1260
DS-67-6
AD-624 927
AIRPLANE NOISE
OVERFLIGHT
SIGNALS
TIME
FREQUENCY
MEASUREMENT
PNL/PERCEIVED NOISE LEVEL

68 00452 NAT U
13-A
SYSTEMS ANALYSIS AND RESEARCH CORP., BOSTON.
DEMAND FOR INTERCITY PASSENGER TRAVEL
IN THE WASHINGTON-BOSTON CORRIDOR.#
GENERAL DISTRIBUTION
1966, 1 P, ILLUS, TABLES
PH-166 884
TRANSPORTATION
URBAN AREAS
PASSENGERS
MATHEMATICAL PREDICTION
ECONOMICS
DESIGN
WASHINGTON-BOSTON CORRIDOR

68 00453 NAT U
 DA-6
 GOODMAN, A. F.
 HODGES, J. D., JR.
 TAYLOR, C. C.
 ANGALET, U. W.
 MCCORD, R. B.
 NORTH AMERICAN AVIATION, INC.,
 ANAHEIM, CALIF.
 DOD USER-NEEDS STUDY, PHASE II.#
 VOLUME III.
 GENERAL DISTRIBUTION
 NOV 1966, 549 P, TABLES
 AD-649 284
 DEPARTMENT OF DEFENSE
 INFORMATION RETRIEVAL
 DESIGN
 DATA PROCESSING SYSTEMS
 INPUT-OUTPUT DEVICES
 REPORTS
 STUDIES / SCIENTIFIC AND TECHNICAL INFORMATION /
 DATA ACQUISITION

68 00454 NAT U
 DA-6
 MASSACHUSETTS INST. OF TECH.,
 CAMBRIDGE.
 A SYSTEMS ANALYSIS OF SHORT HAUL AIR
 TRANSPORTATION.#
 GENERAL DISTRIBUTION
 AUG 1965, 290 P, ILLUS
 PB-169 521
 ANALYSIS
 AIR TRANSPORTATION
 COSTS
 GROUND SUPPORT EQUIPMENT
 MANAGEMENT ENGINEERING
 VERTICAL TAKE-OFF PLANES
 SHORT TAKE-OFF PLANES
 TERMINAL FLIGHT FACILITIES
 COMPUTERS
 HELICOPTERS
 TILT WINGS
 JET PLANES
 DESIGN

68 00455 NAT U
 DA-6
 WHITE, B. L.
 AERONAUTICAL SYSTEMS DIV.,
 WRIGHT-PATTERSON AFB, OHIO.
 CATEGORY II CLIMATIC LABORATORY TEST OF THE
 OH-30 HELICOPTER.#
 GENERAL DISTRIBUTION
 MAY 1967, 207 P, ILLUS
 AD-665 299
 ANALYSIS
 HELICOPTERS
 ENVIRONMENTAL TESTS
 WIREFRAMES
 FLIGHT CONTROL SYSTEMS
 FUEL SYSTEMS
 POWER PLANTS / AIRCRAFT /
 HEATING
 OH-30 HELICOPTER
 AIRCRAFT SYSTEMS

68 00456 NAT U
 DA-6
 UNITED AIRCRAFT CORP. CORPORATE SYSTEMS
 CENTER, FARMINGTON, CONN.
 REPORT ON ANALYSIS AND EVALUATION OF NAFEC
 RESNET SYSTEM.#
 GENERAL DISTRIBUTION
 JUL 67, 100 P, ILLUS, TABLES
 SO-1196
 PB-170 176
 MATHEMATICAL INSTRUMENTS
 MEASUREMENT
 MATHEMATICAL PARAMETERS
 ANALYSIS
 AIRCRAFT SYSTEMS / METEOROLOGY /

68 00457 NAT U
 DA-6
 ADAMS / M.F.M. / AND CO., LTD.,
 TOKYO, JAPAN.
 THE MARKET FOR AIRCRAFT COMMUNICATIONS
 EQUIPMENT IN JAPAN-PART II.#
 GENERAL DISTRIBUTION
 SEP 1965, 55 P
 PB-170 346
 COMMUNICATION EQUIPMENT
 ECONOMICS
 MATHEMATICAL PREDICTION
 AIRCRAFT EQUIPMENT
 NAVIGATIONAL AIDS
 RADIO COMMUNICATION SYSTEMS
 JAPAN

68 00458 NAT U
 DA-6
 KATTEL MEMORIAL INST., COLUMBUS, OHIO.
 FEASIBILITY OF COMPUTER STORAGE AND
 RETRIEVAL OF FREIGHT TARIFF INFORMATION.#
 PHASE II.
 GENERAL DISTRIBUTION
 MAY 1967, 304 P, ILLUS, TABLES
 PB-175 765
 FEASIBILITY STUDIES
 COMPUTERS
 DATA STORAGE SYSTEMS
 INFORMATION RETRIEVAL
 CARGO
 COSTS
 LAW
 COMPUTER LOGIC
 TRANSPORTATION
 TAXES / USER CHARGES /
 LOGISTICS
 ROUTES

68 00459 R NAT U
 DA-6
 ASHBY, W. L.
 REYNOLDS, E. S.
 WATFIELD, R. M.
 FEDERAL AVIATION ADMINISTRATION, AIR TRAFFIC
 SERVICE, WASHINGTON, D. C.
 A ROUTE IFR AIR TRAFFIC RELATIONSHIPS.#
 GENERAL DISTRIBUTION
 NOV 1967, 284 P
 SRD-67-71
 AD-665 299
 ATC ENROUTE
 INSTRUMENT FLIGHT
 PEAK AIR TRAFFIC
 ALTITUDE
 AIR ROUTE TRAFFIC CONTROL CENTERS
 AIR CARRIERS
 GENERAL AVIATION AIRCRAFT
 MILITARY AIRCRAFT
 ANALYSIS

68 00460 NAT U
 DA-6
 ASHBY, W. L.
 SHAWHAN, R. M.
 WATFIELD, R. M.
 ARMY ENGINEER RESEARCH AND DEVELOPMENT LABS.,
 FORT BELVOIR, VA.
 FUEL CELL FUEL STUDIES.#
 GENERAL DISTRIBUTION
 JUL 1967, 65 P, ILLUS, TABLES, 12 PERS
 OR-64000-AMC-1400/T/
 PB-174 113
 AD-623 211
 FUEL CELLS
 FUEL
 PROCESSING
 CHEMISTRY
 PURIFICATION

68 00461 NAT II
 10-D
 KOEPFEN, S., M.D.
 CITY HOSPITAL, INTERNAL DIV.,
 WOLFSBURG, GERMANY.
 PERSONS INJURED BY LIGHTNING.
 NO FOREIGN
 OCT 1967, 12 P
 NMS-TRANS-1213
 AD-822 707
 LIGHTNING
 WOUNDS AND INJURIES
 PATHOLOGY
 HEART
 NERVOUS SYSTEM
 HEMORRHAGE
 BURNS

ACCIDENT INVESTIGATION
 SHOCK /PATHOLOGY/
 CONSCIOUSNESS
 VISCERAL ORGANS
 CEREBROVASCULAR ACCIDENTS

68 00462 NAT II
 06-K
 SARTON, J. D.
 EDEN, P. A.
 NATIONAL CENTER FOR ATMOSPHERIC RESEARCH,
 BOULDER, COLO.
 AN AIRPLANE-MOUNTED SYSTEM FOR SENSING
 AND RECORDING RADIO
 GENERAL DISTRIBUTION
 MAR 1966, 36 P, ILLUS, TABLES
 NCAR-TN-7
 PB-169 874
 NOISE /RADIO/
 CLOUDS
 RECORDING SYSTEMS
 SENSING ELEMENTS
 DETECTORS
 PROBES /ELECTROMAGNETIC/
 ELECTRIC FIELDS
 AIRBORNE
 ANTENNA RADIATION PATTERNS
 ELECTRIFICATION

68 00463 NAT II
 11
 CARR, J. G.
 SCOTT, D. L., SR., LTR.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 THE TESTING OF AIRBORNE INERTIAL
 NAVIGATION SYSTEMS.
 NO FOREIGN
 SEP 1967, 33 P, TABLES, 8 REFS
 RAE-TN-67221
 AD-824 975
 TEST METHODS
 AIRBORNE
 RADAR
 NAVIGATION COMPUTER
 DIGITAL COMPUTERS
 GYROSCOPE NAVIGATION
 ERROR
 FLIGHT TESTING
 VELOCITY
 ALTITUDE
 INERTIAL NAVIGATION

68 00464 NAT II
 10-K
 G. H. REEDE, C. H.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 KLM-RESEARCH ON THE LOWERING OF WEATHER
 MINIMA FOR LANDING OF AIRCRAFT.
 GENERAL DISTRIBUTION
 AUG 1967, 36 P, ILLUS
 RAE-LT-1250
 AD-823 794
 STANDARDS
 VISIBILITY
 INSTRUMENT LANDINGS
 TERMINAL GUIDANCE
 FLAREOUT
 DISPLAY SYSTEMS
 SPECIAL PURPOSE COMPUTERS
 FLIGHT TESTING

68 00465 NAT II
 03-B
 REEDE, C. H.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 KLM-RESEARCH ON THE LOWERING OF WEATHER
 MINIMA FOR LANDING OF AIRCRAFT.
 GENERAL DISTRIBUTION
 AUG 1967, 36 P, ILLUS
 RAE-LT-1250
 AD-823 794
 STANDARDS
 VISIBILITY
 INSTRUMENT LANDINGS
 TERMINAL GUIDANCE
 FLAREOUT
 DISPLAY SYSTEMS
 SPECIAL PURPOSE COMPUTERS
 FLIGHT TESTING

68 00466 NAT II
 03-B
 REEDE, C. H.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 KLM-RESEARCH ON THE LOWERING OF WEATHER
 MINIMA FOR LANDING OF AIRCRAFT.
 GENERAL DISTRIBUTION
 AUG 1967, 36 P, ILLUS
 RAE-LT-1250
 AD-823 794
 STANDARDS
 VISIBILITY
 INSTRUMENT LANDINGS
 TERMINAL GUIDANCE
 FLAREOUT
 DISPLAY SYSTEMS
 SPECIAL PURPOSE COMPUTERS
 FLIGHT TESTING

68 00467 NAT II
 12-B
 TOMLINSON, H. N.
 JORDON, M.
 GT. BRIT. AERONAUTICAL RESEARCH COUNCIL
 SOME CALCULATIONS OF THE TAKE-OFF BEHAVIOR
 OF A SLENDER-WING SUPERSONIC TRANSPORT
 CONSTRAINED TO FOLLOW A SPECIFIED
 PITCH-ALTITUDE TIME HISTORY.
 GENERAL DISTRIBUTION
 1967, 47 P, ILLUS, 12 REFS
 ARO-RR-1491
 AD-826 111
 TAKE-OFF
 SUPERSONIC TRANSPORTS
 DEIGN
 SLENDER WINGS
 PITCH /MOTION/
 FLIGHT SPEEDS
 ALTITUDE
 LIFT
 DRAG
 EQUATIONS
 NOTION

68 00468 NAT U
02-E
AMSHER, J. M.
RACHEL, R. R.
AIR FORCE INST. OF TECH.,
WRIGHT-PATTERSON AFB, OHIO.
MANAGEMENT ANALYSIS OF BITS AND PIECES
AFFECTING END ITEM REPAIR.#
NO FOREIGN
AUG 1967, 94 P, TABLES
SLSH-76-87
AD-823 170
MAINTENANCE
ANALYSIS
AIR FORCE EQUIPMENT
COSTS
AIR FORCE PROCUREMENT

68 00469 NAT U
02-E
TOMLIN, K. M.
LOCKHEED-GEORGIA CO., MARIETTA, GA.
C-5 FLIGHT CONTROL REPORT
/AEROSPACE VEHICLE/ STABILITY AND CONTROL.#
NO FOREIGN
DEC 1967, 350 P, ILLUS
US33(657)1553
AD-824 159
FLIGHT CONTROL SYSTEMS
STABILITY
AERODYNAMIC CONFIGURATIONS
DESIGN
STANDARDS
WIND TUNNELS
HANDLING
AEROELASTICITY
EQUATIONS
SIMULATION
CONTROL SURFACES
DATA
JET TRANSPORT PLANES
MILITARY AIRCRAFT
C-54 AIRCRAFT
MODIFICATION
FLIGHT CHARACTERISTICS

68 00470 NAT U
02-A
MURPHY, J. V.
LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
INTEGRATED COCKPIT RESEARCH PROGRAM.#
VOLUME I, FINAL REPORT.
GENERAL DISTRIBUTION
JAN 1967, 140 P, ILLUS, TABLES, 25 REFS
NORR-49611001
AD-662 185
COCKPITS
RESEARCH PROGRAM ADMINISTRATION
DISPLAY SYSTEMS
FLIGHT INSTRUMENTS
CONTROL SYSTEMS
DESIGN
COMPUTERS
FLIGHT CREWS
JOB ANALYSIS
COSTS
EFFECTIVENESS

68 00471 NAT U
02-J
KING, G. E.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
CIVIL AIRCRAFT AIRWORTHINESS DATA
RECORDING PROGRAMME SPECIAL EVENTS OF
METEOROLOGICAL ORIGIN (JANUARY 1965 TO
DECEMBER 1965).#
NO FOREIGN
MAR 1967, 5 P, ILLUS
RAE-TR-47071
AD 823 143
CIVIL AVIATION
AIR CARRIERS
RECORDING SYSTEMS
METEOROLOGICAL PARAMETERS
ATMOSPHERIC TEMPERATURE
TURBULENCE

68 00472 NAT U
01-C
ATHWOOD, V. M.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE EFFECTS OF TRAILING VORTICES ON THE SAF
CAPACITY OF AIR ROUTES AND AIRPORTS.#
NO FOREIGN
JUL 1967, 27 P, TABLES, 7 REFS
RAE-TR-6702/2
AD-822 717
AIR ROUTES
AIRPORTS
VORTICES
SEPARATION
STANDARDS
HAZARDS
TURBULENCE
ATL ENROUTE

68 00473 NAT U
09-B
GLASSER, J.
FLEISCHER, A.
CHEMICAL AND METALLURGICAL RESEARCH, INC.,
CHATTANOOGA, TENN.
FUEL CELLS FOR AIR FORCE REQUIREMENTS.#
NO FOREIGN
OCT 1967, 118 P, ILLUS, TABLES, 23 REFS
AF16151-3527
AFAPL-TR-67-127
AD-823 896
FUEL CELLS
AIR FORCE
MILITARY REQUIREMENTS
HYDROGEN
OXYGEN
HYDROCARBONS
CLASSIFICATION

68 00474 NAT U
02-J
ZALUYCER, J. A.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT.
GROUND DECELERATION AND STOPPING OF
LARGE AIRCRAFT.#
GENERAL DISTRIBUTION
OCT 1958, 29 P, ILLUS
AGARD-A-231
AD-561 954
DECELERATION
LANDING
LANDING AIDS
ORAC
AERODYNAMIC FORCES
PARACHUTES
THRUST REVERSE
CONTROL SURFACES
TURBOJET ENGINES
TURBOPROPELLER JET ENGINES
AIRCRAFT BRAKING

68 00475 NAT U
06-A
BUSSEY, D. T.
POPE, W. T.
VARIAN ASSOCIATES, SAN CARLO, CALIF.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
IMPROVED X-BAND EXTENDED-INTERACTION
RESONATORS.#
NO FOREIGN
OCT 1967, 108 P, ILLUS, TABLES, 9 REFS
AF3016021-3954
RADC-TR-67-497
AD-822 937
X-BAND
RESONATORS
HANDLING
POWER
THEORY
BEAMS /ELECTROMAGNETIC/
SURFACE PROPERTIES
COOLING
DESIGN
FINISHES & FINISHING
DEMODULATION

68 00476 NAT U
04-D
FRANKEN, P. A.
BISHOP, D. E.
ROLT, BERANEK AND NEWMAN, INC.,
VAN NUYS, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
THE PROPAGATION OF SOUND FROM AIRPORT
GROUND OPERATIONS.#
GENERAL DISTRIBUTION
MAY 1967, 67 P, ILLUS, TABLES, 11 REFS
NASA-CR-767
N67-25053
PROPAGATION
SOUND
AIRPORTS
OPERATION
MEASUREMENT
GROUND SUPPORT EQUIPMENT
LOS ANGELES INTERNATIONAL AIRPORT
DENVER STAPLETON AIRPORT

68 00477 NAT U
11
RICHARDS, J. L.
NAVAL ELECTRONIC SYSTEMS COMMAND, TEST AND
EVALUATION FACILITY, PATUXENT RIVER, MD.
TECHNICAL EVALUATION OF DIRECTION FINDER
SET AN/GRD-11A.# FINAL REPORT.
GOVERNMENT AGENCIES ONLY
NOV 1967, 19 P, ILLUS
NESTEF-PR-PROR-67-44
AD-822 809
DIRECTION FINDING
NAVIGATIONAL AIDS
MECHANICAL PROPERTIES
ELECTRICAL PROPERTIES
FLIGHT TESTING
ENVIRONMENTAL TESTS
MAINTENANCE
INSTALLATION
AN/GRD-11A

68 00478 NAT U
11
JONES, K. E.
MAYES, P. E.
ILLINOIS. UNIV., URBANA. DEPT. OF ELECTRICAL
ENGINEERING.
AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON
AFB, OHIO.
RELATIONSHIPS BETWEEN CONTINUOUSLY SCALED,
PERIODIC AND LOG-PERIODIC STRUCTURES WITH
APPLICATIONS TO LOG-PERIODIC ANTENNAS.#
NO FOREIGN
OCT 1967, 130 P, ILLUS, 49 REFS
AF3316151-3216
AFAL-TR-67-167
AD-822 873
ANTENNAS
DIFFERENTIAL EQUATIONS
MODEL TESTS
TRANSMISSION LINES
SCATTERING

68 00479 NAT U
11
JONES, K. E.
MAYES, P. E.
ILLINOIS. UNIV., URBANA. DEPT. OF ELECTRICAL
ENGINEERING.
AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON
AFB, OHIO.
RELATIONSHIPS BETWEEN CONTINUOUSLY SCALED,
PERIODIC AND LOG-PERIODIC STRUCTURES WITH
APPLICATIONS TO LOG-PERIODIC ANTENNAS.#
NO FOREIGN
OCT 1967, 130 P, ILLUS, 49 REFS
AF3316151-3216
AFAL-TR-67-167
AD-822 873
ANTENNAS
DIFFERENTIAL EQUATIONS
MODEL TESTS
TRANSMISSION LINES
SCATTERING

68 00480 NAT U
11
JONES, K. E.
MAYES, P. E.
ILLINOIS. UNIV., URBANA. DEPT. OF ELECTRICAL
ENGINEERING.
AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON
AFB, OHIO.
RELATIONSHIPS BETWEEN CONTINUOUSLY SCALED,
PERIODIC AND LOG-PERIODIC STRUCTURES WITH
APPLICATIONS TO LOG-PERIODIC ANTENNAS.#
NO FOREIGN
OCT 1967, 130 P, ILLUS, 49 REFS
AF3316151-3216
AFAL-TR-67-167
AD-822 873
ANTENNAS
DIFFERENTIAL EQUATIONS
MODEL TESTS
TRANSMISSION LINES
SCATTERING

68 00481 NAT U
11
ROEBUCK, J. A., Jr.
NORTH AMERICAN ROCKWELL CORP. AEROSPACE AND
SYSTEMS GROUP, LOS ANGELES,
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
NEW CONCEPTS FOR EMERGENCY EVACUATION OF
TRANSPORT AIRCRAFT FOLLOWING SURVIVABLE
ACCIDENTS.#
GENERAL DISTRIBUTION
JAN 1968, 349 P, ILLUS, TABLES, 170 REFS
FAG7WA-1766
RD-67-69-011-01H
DS-68-2
AD-665 329
EMERGENCY PROCEDURES
ABANDONMENT
AVIATION ACCIDENTS
SURVIVAL
TRANSPORT PLANES
FIRE SAFETY
RESCUES
GROUND SUPPORT EQUIPMENT
SAFETY DEVICES

68 00482 NAT U
11-1
STAEHLING, D. M.
WILCOX ELECTRIC CO., INC., KANSAS CITY, MO.
FEDERAL AVIATION ADMINISTRATION,
SYSTEMS RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
INVESTIGATION AND DEVELOPMENT OF
MODIFICATIONS TO RESOLVE AIRBORNE/GROUND
SIDE-PATH TRACKING PROBLEMS.#
GENERAL DISTRIBUTION
OCT 1967, 78 P, ILLUS, TABLES
FAG7WA-1636
RD-67-69
AD-665 039
SIDE-PATH SYSTEMS
TRACKING
AIR-TO-SURFACE
DESIGN
TEST METHODS
ANTENNAS
POLARIZATION
ANTENNA RADIATION PATTERNS
FLIGHT-CHECK
MEASUREMENT

68 00483 NAT U
11-1
EDWARDS, W. M.
RT. BRIT. MINISTRY OF TECHNOLOGY,
RESEARCH RATE OF MATERIALS RESEARCH AND
DEVELOPMENT, LONDON.
THE FIFTEENTH MEETING OF INTERNATIONAL
STANDARDIZATION ORGANIZATION TECHNICAL
COMMITTEE 45-800000.# MILAN, SEPTEMBER, 1967.
NO FOREIGN
NOV 1967, 12 P
COMAT-45-149
AD-624 634
SCIENTIFIC SEARCH
CORRELATION
MECHANICAL PROPERTIES
PLASTICITY
DEGRADATION
CLASSIFICATION

68 00484 NAT U
11-1
GARRATT, P. G.
POMEROY, S. E. A.
RT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
A STUDY OF THE EFFECT OF TEMPERATURE AND
DEPTH OF DISCHARGE ON THE PERFORMANCE AND
CYCLE LIFE OF HERMETICALLY SEALED
NICKEL-CADMIUM CELLS.#
GENERAL DISTRIBUTION
FEB 1967, 29 P, ILLUS, TABLES, 8 REFS
FAG7WA-67026
A-670 467
TEMPERATURE
NICKEL
CADMIUM
EFFECT OF DISCHARGE
CYCLE LIFE/TANGENCY
CELLS/ARTIFICIAL/
CELLS AND COMPONENTS

68 00485 NAT U
11-1
WATTS, L. A.
WATTS, L. A.
RT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
LOW-SPEED MEASUREMENTS OF SKIN-FRICTION ON
A LARGE HALF-MODEL SLENDER WING.#
NO FOREIGN
NOV 1967, 13 P, ILLUS, 2 REFS
FAG7WA-67209
AD-674 543
SLENDER WINGS
FRICTION
SURFACE PROPERTIES
MEASUREMENT
PRESSURE NUMBER
PRESSURE

68 00486 NAT U
11-1
MORSE, J. B.
GENERAL ELECTRIC CO., DAYTONA BEACH, FLA.
ANNALS AND MEASURING TECHNICAL PROGRESS.#
GENERAL DISTRIBUTION
NOV 1967, 10 P, ILLUS
FAG7WA-67114
MEASUREMENT/ENGINEERING
TECHNICAL

68 00487 NAT U
11-1
LAHAY, G. N. JR.
CANADIAN NATIONAL RESEARCH COUNCIL, OTTAWA.
RESEARCH IN AIRCRAFT TURBINE ENGINE
GENERAL INVESTIGATIONS.#
GENERAL DISTRIBUTION
JAN 1967, 18 P, ILLUS
FAG7WA-67141
AD-664 655
RESEARCH
COLLECTIONS
AIRCRAFT INVESTIGATION
TURBINE
MATERIALS/MECHANICS/
DESIGN ANALYSIS
PROBLEMS
MATERIALS

68 00488
07-F
SILSBY, N. S.
FISCHER, M. C.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
A SIMULATION STUDY OF A PICTORIAL NAVIGATION
DISPLAY IN A SUPERSONIC TRANSPORT.
GENERAL DISTRIBUTION
JUL 1967, 20 P. 1
NASA-TN-D-6027
N67-30027
INSTRUMENT FLIGHT
TAKE-OFF
SUPERSONIC TRANSPORT
TELEVISION DISPLAY SYSTEM
PICTURES
NAVIGATION
SIMULATION

68 00489
02-A
KOFESKEY, M. G.
NUSBAUM, W. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER, CLEVELAND, OH.
PERFORMANCE EVALUATION OF A TWO-STAGE
AXIAL-FLOW TURBINE FOR TWO VALUES OF TIP
CLEARANCE.
GENERAL DISTRIBUTION
JAN 1968, 19 P. ILLUS, TABLE, 4 REFS
NASA-TN-D-4388
N68-14639
ANALYSIS
AXIAL-FLOW TURBINES
TURBINE BLADES
TEST METHODS
TEMPERATURE
PRESSURE
ARGON

68 00490
07-F
GRANTHAM, W. D.
DEAL, P. L.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
A PILOTED FIXED-BASE SIMULATOR STUDY OF
LOW-SPEED FLIGHT CHARACTERISTICS OF AN
ARROW-WING SUPERSONIC TRANSPORT DESIGN.
GENERAL DISTRIBUTION
JAN 1968, 37 P. ILLUS, TABLE, 13 REFS
NASA-TN-D-4277
N68-13609
FLIGHT SIMULATIONS
SUPERSONIC TRANSPORTS
DELTA WINGS
DESIGN
FLIGHT SPEEDS
INSTRUMENT LANDINGS
ROLL
PITCH /ROLLING/
DAMPING
FLIGHT CHARACTERISTICS

68 00491
07-F
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
STUDY OF AIRCRAFT IN SHORT HAUL
TRANSPORTATION SYSTEMS.
GENERAL DISTRIBUTION
JAN 1968, 68 P. ILLUS
NASA-CR-946
N68-13517
ANALYSIS
JET TRANSPORTS
URBAN AREAS
AIR TRANSPORT
VERTICAL TAKE
SHORT TAKE
CIRCUITRY

68 00492
07-F
DEERHOLZ, J. L.
WYLLIE, J. B.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
WASHINGTON, D. C.
ON THE OPTIMIZATION OF THE DESIGN OF
A SUPERSONIC TRANSPORT.
GENERAL DISTRIBUTION
AUG 1967, 37 P. 1
NASA-CR-857
N67-33460
MATHEMATICAL PREDICTION
NEAR FIELD
NOISE
SUPERSONIC TRANSPORTS
JET ENGINES
THEORY
TURBULENCE
EXHAUST SYSTEMS
TEST METHODS

68 00493
07-H
MERCIER, A.
PERDRIEL, G., LT. COL.
WHITESIDE, T. C. D., W/CMR.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AERONAUTICAL RESEARCH
AND DEVELOPMENT.
PROBLEMS OF VISION IN LOW LEVEL FLIGHT.
GENERAL DISTRIBUTION
1967, 77 P
AGARDGRAPH-107
AD-661 164
VISION
FLIGHT
LOW ALTITUDE
TRAINING
PILOTS
REACTION /PSYCHOLOGY/
HUMAN ENGINEERING
NOTION
RISKS
COLLISIONS
VISUAL ACUITY
ADAPTATION /PHYSIOLOGY/

68 00494
02-E
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
WASHINGTON, D. C.
AIRCRAFT ACCIDENTS AND ESCAPE SYSTEMS.
GENERAL DISTRIBUTION
MAY 1966, 100 P
NASA-LS-2480
AVIATION ACCIDENTS
INDEXES
ABANDONMENT

68 00495 NAT U
09-B
CUSTARD, G. H.
DONAHUE, J. D.
FALCON RESEARCH AND DEVELOPMENT CO., DENVER.
AIRCRAFT FUEL CELL EXPLOSION SUPPRESSION
SYSTEMS AND THEIR APPLICABILITY TO ARMY
AIRCRAFT.
DOD ONLY
JUL 1967, 142 P, ILLUS, TABLES, 70 REFS
DA-44-177-AMC-415(1)
USAAVLABS-TR-67-39
AD-M24 028
FULL CELLS
EXPLOSIONS
ARMY AIRCRAFT
REDUCTION
PROTECTIVE COVERINGS
FLAMMABILITY
FIRES
FUEL TANKS

68 00496 NAT U
06-K
RADIO CORP. OF AMERICA, CAMDEN, N. J.
RADIO TRANSMITTING SET AN/GRT-13.
FINAL REPORT.
DOD ONLY
SEP 1967, 56 P, ILLUS, 2 REFS
DA-28-043-AMC-02264(1)
ECUM-02264-F
AD-920 990
RADIO TRANSMITTERS
MECHANICAL PROPERTIES
ELECTRICAL PROPERTIES
DESIGN
RELIABILITY
AN/GRT-13

68 00497 NAT U
02-I
SEIGEN, L.
CUCCHIARA, O.
GOODMAN, P.
PANAMETRICS, INC., WALTHAM, MASS.
AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
DEVELOPMENT OF A HAZARDOUS VAPOR
DETECTION SYSTEM FOR ADVANCED AIRCRAFT.
NOT FOREIGN
SEP 1967, 60 P, ILLUS, TABLES, 6 REFS
AFRL-1-3646
AFAPL-TR-67-123
AD-825 206
DESIGN
VAPORS
DETECTION
HAZARDS
MONITORS
FUEL TANKS
THERMISTORS
SENSING ELEMENTS
JET PLANES

68 00498 NAT U
02-G
FOURKE, W. K.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
EXPLORATION OF HIGH-SPEED FLIGHT WITH THE
XH-15A RIGID ROTOR HELICOPTER.
GENERAL DISTRIBUTION
JUN 1965, 168 P, ILLUS, TABLES, 21 REFS
DA-44-177-AMC-150(1)
USAAFL-TR-65-25
AD-617 956
HELICOPTER ROTORS
FLIGHT SPEEDS
DESIGN
WIND TUNNELS
FLIGHT TESTING
MANEUVERABILITY
ROTOR BLADES/ROTARY WINGS/
XH-15A HELICOPTER

68 00499 NAT U
01-B
BRAUN, J. P.
GIESSLER, F. J.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
CH-54A SKYCRANE HELICOPTER FLIGHT LOADS
INVESTIGATION PROGRAM.
GENERAL DISTRIBUTION
JUN 1966, 183 P, ILLUS, TABLES
USAAVLABS-TR-66-98
AD-638 304
FLIGHT TESTING
HELICOPTERS
AIRSPEED
ALTITUDE
ATMOSPHERIC TEMPERATURE
ACCELERATION
WEIGHT
BAROMETRIC PRESSURE
CH-54A HELICOPTER
OV-1A HELICOPTER
CH-47A HELICOPTER
UH-1B HELICOPTER

68 00500 NAT U
01-D
COHAN, S.
HINSH, N. B.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
HUGHES TOOL CO., CULVER CITY, CALIF.
XV-9A ROT CYCLE RESEARCH AIRCRAFT
PROGRAM.
GENERAL DISTRIBUTION
JUN 1966, 77 P, ILLUS, TABLES, 9 REFS
DA-44-177-AMC-877(1)
USAAVLABS-TR-66-10
AD-638 306
RESEARCH PLANES
DESIGN
FLIGHT TESTING
TESTS
FEASIBILITY STUDIES
HELICOPTER ROTORS
VERTICAL TAKE-OFF PLANES
XV-9A HELICOPTER

68 00501 NAT U
01-E
LOEWY, N. J.
SUTTON, L. R.
ROCHESTER APPLIED SCIENCE ASSOCIATES, INC.,
ROCHESTER, N. Y.
ARMY AVIATION MATERIEL LAB., FORT EUSTIS, VA.
A THEORY FOR PREDICTING THE ROTATIONAL
NOISE OF LIFTING ROTORS IN FORWARD FLIGHT,
INCLUDING A COMPARISON WITH EXPERIMENT.
GENERAL DISTRIBUTION
JAN 1966, 99 P, ILLUS, TABLES, 22 REFS
DA-44-177-AMC-204(1)
USAAVLABS-TR-65-82
AD-629 646
THEORY
MATHEMATICAL PREDICTION
ROTATION
NOISE
HELICOPTER ROTORS
LIFT
AERODYNAMIC FORCES
EQUATIONS
VELOCITY
ANGLE OF ATTACK
COMPRESSIBLE FLOW

000502
 02-G
 ALBERT, K. V., MAJ.
 HILL, A. B.
 NAVAL AIR TEST CENTER, PATUXENT RIVER, MD.
 EVALUATION OF THE BELL MODEL 206A
 JET/STRANGER/ LIGHT TURBINE-POWERED HELICOPTER.
 DDD ONLY
 SEP 1967, 124 P., ILLUS., TABLES, 13 REFS
 FT-56R-67
 AD-820 490
 HELICOPTERS
 HANDLING
 FLIGHT TESTING
 MAINTENANCE
 STABILITY
 FLIGHT CONTROL SYSTEMS
 HELICOPTER ENGINES
 TRAINING PLANES
 OPERATION
 EFFECTIVENESS
 BELL 206A HELICOPTER
 FLIGHT CHARACTERISTICS

NAT U

000503
 02-G
 DUKES, T. A.
 DUBBIN, E. J.
 GRAHAM, F. D.
 SCHMETZ, F. H.
 SHANKOFF, E. J.
 PRINCETON UNIV., N. J.
 THE PRINCETON PENNSYLVANIA ARMY AVIONICS
 RESEARCH PROGRAM.
 NO FOREIGN
 OCT 1967, 47 P., ILLUS., 18 REFS
 A-22-043-AMC-02412/EZ
 COM-02412-1
 AD-822 174
 ARMY
 RESEARCH PROGRAM ADMINISTRATION
 HELICOPTERS
 FLIGHT CONTROL SYSTEMS
 LANDING
 THEORY
 VERTICAL TAKE-OFF PLANES
 SHORT TAKE-OFF PLANES
 VISIBILITY
 FLIGHT INSTRUMENTS
 APPROACH
 TRAJECTORIES

NAT U

000504
 02-G
 DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
 PANEL ON ENGINEERING AND COMMODITY
 STANDARDS OF THE COMMERCE TECHNICAL
 ADVISORY BOARD.
 SECTION A.
 GENERAL DISTRIBUTION
 FEB 1965, 41 P.
 PRICE \$1.00
 COMMERCE
 STANDARDS
 INDUSTRIES
 UNITED STATES GOVERNMENT
 TRANSMITTAL

NAT U

000505
 02-G
 SELIG, L. T.
 LEICHTEN INST. OF TECH., CHICAGO, ILL. RESEARCH
 INST.
 ANALYSIS OF FIELD TESTS ON SURGRADE SOILS.
 SOIL COMPACTION STUDY, VOLUME III.
 GENERAL DISTRIBUTION
 APR 1967, 155 P., ILLUS., TABLES
 PR-176 876
 SOILS
 ANALYSIS
 DENSITY
 MOISTURE

NAT U

000506
 02-G
 REALE, J. R., JR.
 PRATT, R. J.
 WILLIAM RESEARCH LABS.
 HYPERSONIC WAVES IN PIEZOELECTRIC
 CRYSTALS.
 GENERAL DISTRIBUTION
 MAR 1967, 20 P., ILLUS.
 NSTIC PR 10096 67
 AD-820 485
 PIEZOELECTRIC CRYSTALS
 ACOUSTICS
 ELECTRIC CURRENT
 ANALYSIS

000507
 02-G
 SELIG, L. T.
 LEICHTEN INST. OF TECH., CHICAGO, ILL. RESEARCH
 INST.
 INTRODUCTION AND ANALYSIS OF SOIL
 PHYSICS
 SOIL COMPACTION STUDY, VOLUME I.
 GENERAL DISTRIBUTION
 MAR 1967, 155 P., ILLUS., TABLES
 PR-176 876
 SOILS
 ANALYSIS
 MOISTURE
 DENSITY
 DEGRADATION
 MEASUREMENT
 MEASURING DEVICES /ELECTRICAL AND FIELD

000508
 02-G
 SELIG, L. T.
 BUREAU OF PUBLIC ROADS, WASHINGTON, D. C.
 FIELD TEST APPARATUS AND PROCEDURES
 SOIL COMPACTION STUDY, VOLUME II.
 GENERAL DISTRIBUTION
 APR 1967, 155 P., ILLUS., TABLES
 PR-176 877
 SOILS
 ANALYSIS
 MOISTURE
 DENSITY
 MEASUREMENT
 DATA PROCESSING SYSTEMS
 MEASURING DEVICES /ELECTRICAL AND FIELD

NAT U

000509
 02-G
 AIR FORCE CAMBRIDGE RESEARCH LABS.,
 BEDFORD, MASS.
 RADIO DISTANCE MEASUREMENT AND POSITION
 FIXING - A SURVEY AND EVALUATION OF TECHNIQUES
 AND SYSTEMS.
 GENERAL DISTRIBUTION
 7/96-7, 134 P., ILLUS.
 AFRC-TR-60-191
 AD-253 121
 RADIO WAVES
 MEASUREMENT
 POSITION FINDING
 TECHNIQUES
 RANGES /DISTANCE/
 PROPAGATION
 GEOMETRY
 SYSTEMS ENGINEERING

NAT U

68 00510 NAT U
 04-C
 KROCHMAL, J. J.
 AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
 AFB, OHIO.

FIRE-REINFORCED CERAMICS - A REVIEW
 AND ASSESSMENT OF THEIR POTENTIAL.#
 NO FOREIGN
 OCT 1967, 85 P, ILLUS, TABLES, 115 REFS
 AFML-TR-67-207
 AD-824 904
 CERAMIC FIBERS
 REINFORCED MATERIALS
 ANALYSIS
 MECHANICAL PROPERTIES
 OXIDATION
 REFRACTORY MATERIALS
 METALS
 THERMOCHEMISTRY
 COMPOSITES
 POLYMER
 CARBIDES
 SILICIDES

68 00511 NAT U
 04-F
 HANDEL, H. L.
 AIR FORCE FLIGHT TEST CENTER,
 EDWARDS AFB, CALIF.
 EVALUATION OF THE MAX-117F AIRCRAFT
 ARRESTING HARPER ENGAGING DEVICE.#
 NO FOREIGN
 JAN 1968, 57 P, ILLUS, TABLES, 3 REFS
 ETC-TR-67-27
 AD-825 502
 ARRESTING DEVICES
 TEST METHODS
 CONTROL SYSTEMS
 ELECTRONIC EQUIPMENT
 PNEUMATIC SYSTEM
 MAX-117F

68 00512 NAT U
 04-F
 EN HAW, C. J.
 EDWARDS, D. P.
 AIR FORCE FLIGHT TEST CENTER,
 EDWARDS AFB, CALIF.
 DETERMINATION OF ENGINE/PROPELLER
 OPERATING ENVELOPE AND DEVELOPMENT OF A LANDING
 PATTERN FOR U-133A76 AIRCRAFT WITH MULTIPLE
 TWIN PROPELLERS IN FIXED PITCH.#
 NO FOREIGN
 DEC 1967, 34 P, ILLUS, TABLES, 2 REFS
 ETC-TR-67-29
 AD-825 259
 DESIGN
 ENGINE
 PROPELLER/JET ENGINES
 OPERATION
 FLIGHT TESTING
 MILITARY AIRCRAFT
 U-133A76 AIRCRAFT
 FLIGHT PATTERN

68 00513 NAT U
 10-G
 CROOKS, W. M.
 HUBBLE, F. M.
 PROPHET, D. T.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 PROJECT HICAT AN INVESTIGATION OF HIGH
 ALTITUDE CLEAR AIR TURBULENCE.#
 NO FOREIGN
 NOV 1967, 504 P, ILLUS, 23 REFS
 AF33/6577-11143
 AFFDL-TR-67-123-VOL-II
 AD-824 904
 HIGH-ALTITUDE
 CLEAR AIR TURBULENCE
 DIGITAL SYSTEMS
 MEASUREMENT
 FLIGHT TESTING
 GUSTS
 VELOCITY
 PRESSURE
 TEMPERATURE
 AIRSPEED
 ROLL
 ACCELERATION
 AIR FORCE V-2 AIRCRAFT
 PROJECT HICAT

68 00514 NAT U
 01-F
 JACOBS, L. D.
 LAUERQUIST, D. R.
 ROEING CO., KENTON, WASH.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 A FINITE ELEMENT ANALYSIS OF SIMPLE
 PANEL RESPONSE TO TURBULENT BOUNDARY LAYERS.#
 NO FOREIGN
 DEC 1967, 81 P, ILLUS, 22 REFS
 AFFDL-TR-67-81
 AD-825 514
 PANELS /STRUCTURAL/
 RESPONSE
 TURBULENT BOUNDARY LAYER
 ELASTICITY
 DEFLECTION
 STRESSES
 MATHEMATICAL ANALYSIS
 THEORY
 SIMULATION
 MATHEMATICAL MODELS

68 00515 NAT U
 08-G
 DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
 PANEL ON ENGINEERING AND COMMODITY
 STANDARDS OF THE COMMERCE TECHNICAL
 ADVISORY BOARD.#
 GENERAL DISTRIBUTION
 FEB 1968, 290 P, ILLUS
 PH-166 812
 COMMERCE
 STANDARDS
 INDUSTRY
 UNITED STATES GOVERNMENT
 TRANSCALANIC
 RADIOFREQUENCY INTERFERENCE

68 00516 NAT U
12-B
BORLAND, C. J.
BOUSHMAN, W. G.
DURAND, N. A.
SCHINDEL, L. H.
MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
AN EXPERIMENTAL SIMULATION OF GUST LOADING
OF SUPERSONIC VEHICLES.
NO FOREIGN
F V 1967, 137 P, ILLUS, TABLES, 73 REFS
AF3178197-3600
AFFDL-TR-67-12
AD-825 196
GUST LOADS
SIMULATION
SUPERSONIC PLANES
SUPERSONIC WIND TUNNELS
AERODYNAMIC FORCES
PITCH /MOTION/
DELTA WINGS

68 00517 R NAT U
06-K
FEHR, D. L.
SCIOZZAPAZA, H. F.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
MULTI-FM BROADCAST INTERFERENCE STUDY.
FINAL REPORT.
GENERAL DISTRIBUTION
DEC 1967, 12 P, ILLUS
NA-67-16
RD-67-44
AD-665 028
FEDERAL AVIATION ADMINISTRATION
RADIO RECEIVERS
VOR /VHF OMNIDIRECTIONAL RADIO RANGE/
FREQUENCY MODULATION
RADIO STATIONS

68 00518 NAT U
04-E
BROUSMICHE, R. A.
DUJARDIN, E. L.
ETIENNE, M. E.
ROUET, P.
SCOMY, R. L.
SLOOTMAEKERS, P. H.
BELGIAN AIRPORTS AND AIRWAYS AGENCY, BRUSSELS.
ATELIERS DE CONSTRUCTIONS ELECTRIQUES DE
CHARLEROI.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
TESTS ON ACES VIDEOMETER IN FOG CHAMBER AT
UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA
U. S. A. FINAL REPORT.
GENERAL DISTRIBUTION
JUL 1967, 15 P, ILLUS
FAA-RD-67-12
AD-666 671
VISIBILITY
IMPAIRS
MEASURING DEVICES /ELECTRICAL AND OPTIC/
TELEVISION RECEIVERS
DISPLAY SYSTEMS
TEST FACILITIES
TEST METHODS
HARBOR LIGHTS

68 00519 NAT U
04-A
VIRGINIA, UNIV., CHARLOTTESVILLE, SCHOOL OF
ENGINEERING AND APPLIED SCIENCE.
SYMPOSIUM ON THE PHYSICS OF SUPERCONDUCTING
DEVICES.
GENERAL DISTRIBUTION
APR 1967, 100 P, ILLUS
AD-661 848
SYMPOSIUM
PHYSICS
SUPERCONDUCTIVITY
SUPERCONDUCTIVITY
MICROWAVES
ELECTRIC POTENTIAL
MEASUREMENT
QUANTUM MECHANICS
MEASURING DEVICES /ELECTRICAL AND OPTIC/
MAGNETIC FIELDS
JOSEPHSON EFFECT
NIOTIUM FLANNIDE

68 00520 NAT U
04-U
VERNSTEIN, G. E.
PLANNING RESEARCH CORP., LOS ANGELES.
REVIEW OF PROJECTED NAVY USER REQUIREMENTS,
AND CURRENT VENDOR CAPABILITIES.
GENERAL DISTRIBUTION
AUG 1967, 350 P, ILLUS
PRC-R-1029
AD-661 789
DATA PROCESSING SYSTEMS
HANDLING
STANDARDIZATION
MATHEMATICAL PREDICTION
COMMUNICATION EQUIPMENT
DATA STORAGE SYSTEMS
INPUT-OUTPUT DEVICES
NAVY
INFORMATION RETRIEVAL

68 00521 NAT U
07-C
CLEMENT, M. F.
SYSTEMS TECHNOLOGY, INC., MANTHORPE, CALIF.
ANALYSIS OF DISPLAY-PILOT-VEHICLE DYNAMICS
FOR ILS APPROACH OF A LARGE JET AIRCRAFT.
GENERAL DISTRIBUTION
MAY 1967, 142 P, ILLUS, 29 REFS
NO0014-66-C0672
STI-TN-167-C
AD-661 855
DISPLAY SYSTEMS
INSTRUMENT LANDINGS
JET TRANSPORT PLANES
AIR CARRIERS
PILOTS
OPERATION
MAN-MACHINE SYSTEMS
FLIGHT CONTROL SYSTEMS
ADAPTIVE CONTROL SYSTEMS
FEEDBACK

68 00522 NAT U
02-I
WILLIAMS, T. C.
SMITHSONIAN INSTITUTION, DEPT. OF ECOLOGY,
WASHINGTON, D. C.
BAT COLLISIONS WITH HIGH PERFORMANCE
AIRCRAFT.
GENERAL DISTRIBUTION
OCT 1967, 10 P, TABLE, 3 REFS
F44620-67-C-0061
AFUSM-67-2510
AD-661 329
BIRDS
AVIATION ACCIDENTS
COLLISIONS
JET PLANES
ACCIDENT INVESTIGATION

68 00523 NAT U
11
LYONS, L. A.
SYRACUSE UNIV., N. Y. RESEARCH CORP.
DEFENSE SYSTEMS DIV.
A STATISTICAL ANALYSIS OF SITING ERROR IN
RADIO DIRECTION-FINDING.#
GENERAL DISTRIBUTION
AUG 1967, 144 P, ILLUS, 45 REFS
NONR-4768/007
DSO-R-161
AD-661 341
RADIO NAVIGATION
DIRECTION FINDING
ERRORS
STATISTICAL ANALYSIS
ELECTRICAL PROPERTIES
SITE SELECTION
HIGH FREQUENCY

68 00524 NAT U
10-G
SCHERAG, R.
HEINZ, FRIZ UNIVERSITAT.
STATISTICAL INVESTIGATIONS OF SOME
FORECAST RULES.#
GENERAL DISTRIBUTION
JUN 1966, 91 P, ILLUS, TABLES
AD-661 192
STATISTICAL ANALYSIS
MATHEMATICAL PREDICTION
THEORY
METEOROLOGY
WEATHER SYSTEMS /METEOROLOGY/

68 00525 NAT U
09-1
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
NON-FERROUS ALLOYS.# VOLUME II.
AEROSPACE STRUCTURAL METALS HANDBOOK.
GENERAL DISTRIBUTION
DEC 1963, 250 P, ILLUS
AD-643 104
STRUCTURAL PARTS
SPACE TECHNOLOGY
METALS
HANDBOOK
ALUMINUM ALLOYS
MAGNESIUM ALLOYS
TITANIUM ALLOYS
NICKEL ALLOYS
COBALT ALLOYS
MOLYBDENUM ALLOYS
TANTALUM ALLOYS
VANADIUM ALLOYS
BERYLLIUM ALLOYS
COLUMBIUM ALLOYS
ZIRCONIUM ALLOYS

68 00526 NAT U
06-1
AERONAUTICAL SYSTEMS DIV.,
WRIGHT-PATTERSON AFB, OHIO.
CHARTS OF CORRECTIONS TO AIRBORNE RADAR
OBSERVATION FOR REFRACTION BY TERRESTRIAL
ATMOSPHERES.#
GENERAL DISTRIBUTION
SEP 1966, 124 P, ILLUS
AD-117612-7669
ASD-TR-62-693
AD-285 609
AERONAUTICS
RADAR
ATMOSPHERIC REFRACTION
MAPPING
CORRECTIONS
ATMOSPHERE
GEOMETRY

68 00527 NAT U
10-G
LAPPE, U. O.
NATIONAL SEVERE STORMS LAB. INST. FOR
ENVIRONMENTAL RESEARCH, NORMAN, OKLA.
A PRELIMINARY EVALUATION OF THE F-100 NOUGH
RIDER TURBULENCE MEASUREMENT SYSTEM.#
GENERAL DISTRIBUTION
OCT 1967, 25 P, ILLUS, TABLES
TERM-NSSL-36
N68-14674
TURBULENCE
ANALYSIS
GUSTS
EQUATIONS
VELOCITY
MEASUREMENT
F-100 AIRCRAFT

68 00528 NAT U
12-A
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
SUPERSONIC TRANSPORT IMPACT ON THE
COMMERCIAL AIRPLANE MARKET.#
GENERAL DISTRIBUTION
DEC 1966, 50 P, ILLUS
DEA/SST/141
AD-812 533L
SUPERSONIC TRANSPORTS
CIVIL AVIATION
ECONOMICS
AIR ROUTES
PASSENGERS
AIRCRAFT INDUSTRY

68 00529 NAT U
12-A
HARVEY, B.
BRADSTOCK, R. L.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
SST-PHASE II-C HYDRAULIC SYSTEM PIPING
AND CONNECTION METHODS PROGRAM.#
GENERAL DISTRIBUTION
DEC 1965, 57 P, ILLUS, TABLES
LR-19269
AD-814 086L
SUPERSONIC TRANSPORTS
HYDRAULIC SYSTEMS
JOINTS
FITTINGS
PIPES
TEST METHODS

68 00530 NAT U
09-B
HAMILTON, W. F., DR.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
HYDRAULIC FLUID SELECTION AND DEVELOPMENT.#
GENERAL DISTRIBUTION
DEC 1965, 60 P, ILLUS
LR-19293
HYDRAULIC FLUIDS
SELECTION
DESIGN
FLAMMABILITY
MECHANICAL PROPERTIES

68 00531 NAT U
12-H
PARRY, H. J.
OTTO, E. A.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
RADIATION OF COMPRESSOR NOISE FROM AN SST
SCALE MODEL INLET.
GENERAL DISTRIBUTION
JUL 1966, 50 P, ILLUS, TABLES
LR-19946
AD-815 162L
PROPAGATION
SUPERSONIC TRANSPORTS
MODEL TESTS
JET ENGINE INLETS
COMPRESSOR NOISE
MEASUREMENT

64 00532 R NAT U
02-I
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
PROCEEDINGS OF A SYMPOSIUM, PILOT
WARNING INSTRUMENTS.
GENERAL DISTRIBUTION
DEC 1967, 195 P, ILLUS
AD-666 122
SYMPOSIA
FEDERAL AVIATION ADMINISTRATION
COLLISION AVOIDANCE
PILOT WARNING INDICATORS
AVIATION SAFETY

68 00533 NAT U
02-H
PATTERSON, E. M., LT. COL.
ARMY AIRBORNE ELECTRONICS AND SPECIAL
WARFARE BOARD, FORT BRAGG, N. C.
REPORT OF SERVICE TEST /AIR DELIVERY/ OF
C-141 USAF JET CARGO AIRCRAFT /STARLIFTER/.
PROPRIETARY
AUG 1967, 344 P, ILLUS, TABLES
AR-1966
AD-821 939
JET TRANSPORT PLANES
LARGO
AIR-DROP OPERATIONS
MILITARY AIRCRAFT
TEST METHODS
EMERGENCY PROCEDURES
AVIATION SAFETY
AIR TRANSPORTATION
C-141 AIRCRAFT

68 00534 NAT U
09-H
CENTERS, P. W.
HURLEY, W. A.
DAYTON, OHIO, UNIV. RESEARCH INST.
AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
A GAS-LIQUID CHROMATOGRAPHIC METHOD OF
ANALYSIS FOR SYNTHETIC TURBINE ENGINE
CONTAMINANTS.
NO FOREIGN
DEC 1967, 33 P, ILLUS, TABLES, 10 REFS
AF33/615/2692
DORI-TR-60-01
AFAPL-TR-67-157
AD-825 994
ILLUS
CHROMATOGRAPHIC ANALYSIS
CONTAMINANTS
GAS TURBINES
DESIGN

68 00535 NAT U
02-H
COMPTON, T.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
EXPERIMENTAL FLIGHT INSTRUMENTS.
NO FOREIGN
DEC 1967, 20 P, ILLUS
AF33/615/4271
GRN-67-1329
AFFDL-TR-67-143
AD-825 831
FLIGHT INSTRUMENTS
TEST METHODS
ATTITUDE INDICATORS
DESIGN
DISPLAY SYSTEMS

68 00536 NAT U
07-C
MYERS, W. S.
BUNKER-RAND CORP., CANOGA PARK, CALIF.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
ACCOMMODATION EFFECTS IN MULTI-COLUMN
DISPLAYS.
NO FOREIGN
DEC 1967, 25 P, ILLUS, TABLES, 4 REFS
AF33/615/5225
AFFDL-TR-67-161
AD-826 134
COLORS
DISPLAY SYSTEMS
THRESHOLDS /PHYSIOLOGY/
VISUAL ACUITY
VISION
MYOPIA
ACCOMMODATION /PHYSIOLOGY/

68 00537 NAT U
02-D
WOJCIK, S.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
PULSEJET, JET AND ROCKET ENGINES.
GENERAL DISTRIBUTION
SEP 1967, 334 P, ILLUS, TABLES
FTD-TT-64-991
AD-826 192
ROCKET MOTORS
JET ENGINES
PULSEJET ENGINES
THEORY
COMBUSTION
COOLING
RAMJET ENGINES
DESIGN
TEST METHODS
OPERATION

68 00538 NAT U
07-C
HARRIS, J. J.
HABEGGER, M. A.
SINKERBOX, G. T.
INTERNATIONAL BUSINESS MACHINES CORP.,
POUGHKEEPSIE, N. Y.
MOLOGRAPHIC HEAD-UP DISPLAY. PHASE I.
GENERAL DISTRIBUTION
DEC 1967, 123 P, ILLUS, 46 REFS
N00014-67 C-0451
AD-825 813
DISPLAY SYSTEMS
THEORY
VISION
RECORDING SYSTEMS
MOLOGRAPHIC HEAD-UP DISPLAYS

68 00539 NAT U
13-C
JOSEPHS, J. A.
MILL, D. M.
IRWIN, N. A.
MCLYNN, J. M.
WATKINS, R. M.
WONGKIN, A.
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
APPROACHES TO THE MODAL SPLIT - INTERCITY
TRANSPORTATION.#
GENERAL DISTRIBUTION
FEB 1967, 48 P, 3 REFS
NCTP-TP-7
TRANSPORTATION
URBAN AREAS
DECISION MAKING
THEORY
NORTHEAST CORRIDOR

68 00540 NAT U
13-C
HALLUT, M. M.
MCADAMS, M. E.
MURPHY, J. L.
PETERSON, F. E.
SILVER, J. L.
JULY, J. M., JR.
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
TRANSPORTATION OF TRANSCOCEANIC CARGO.#
A DESIGN FOR RESEARCH.
GENERAL DISTRIBUTION
AUG 1966, 32 P
TRANSPORTATION
TRANSCOCEANIC
CARGO
SCIENTIFIC RESEARCH
DESIGN
ECONOMICS

68 00541 NAT U
16-C
WINTER, C. F.
AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON
AFB, OHIO
ILLINOIS, UNIV., URBANA
A LIMITED SCAN ANTENNA.#
GENERAL DISTRIBUTION
OCT 1967, 36 P, ILLUS, TABLES
AD-822 494
ANTENNAS
DESIGN
AIR FORCE
SCANNING
ANTENNA RADIATION PATTERNS

68 00542 NAT U
13-C
ZABETAKIS, M. G.
JONES, G. W.
SCOTT, G. S.
FURNU, A. L.
DEPARTMENT OF THE INTERIOR, WASHINGTON, D. C.
WRIGHT AIR DEVELOPMENT CENTER,
WRIGHT-PATTERSON AFB, OHIO.
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
GENERAL DISTRIBUTION
JAN 1968, 36 P, ILLUS
DADC-TR-52-53-SUPPL-4
AD-675 25
FLAMMABILITY
AVIATION FUELS
FLAMMABILITY
THEORY
EXPERIMENT
COMBUSTION
IGNITION
PROPAGATION
TEMPERATURE
THEORY
FLAMMABLE FUELS

68 00543 NAT U
09-B
JONES, G. W.
ZABETAKIS, M. G.
SCOTT, G. S.
FURNU, A. L.
DEPARTMENT OF THE INTERIOR, WASHINGTON, D. C.
WRIGHT AIR DEVELOPMENT CENTER,
WRIGHT-PATTERSON AFB, OHIO.
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
GENERAL DISTRIBUTION
AUG 1964, 36 P, ILLUS
DADC-TR-52-53-SUPPL-2
AD-675 25
FLAMMABILITY
AVIATION FUELS
IGNITION
PROPAGATION
TEMPERATURE
THEORY
TEST METHODS

68 00544 NAT U
06-H
LAVKINENKO, V. Y.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
HANDBOOK OF SEMICONDUCTOR DEVICES.#
GENERAL DISTRIBUTION
MAR 1967, 336 P, ILLUS, TABLES
FTD-HI-66-066
AD-661 896
HANDBOOKS
SEMICONDUCTOR DEVICES
THERMISTORS
RECTIFIERS
DIODES
TRANSISTORS
SILICON
GERMANIUM
COPPER
OXIDES

68 00545 NAT U
11
ARINC RESEARCH CORP., WASHINGTON, D. C.
INTERIM ENGINEERING REPORT TACAN
RELIABILITY STUDY.#
DOD ONLY
MAR 1967, 150 P, ILLUS, TABLES
AFM-763/-63441
AFM-540-01-1-774
AD-822 445
NAVIGATIONAL AIDS
RELIABILITY
AIRBORNE
GROUND SUPPORT EQUIPMENT
TEST EQUIPMENT
MAINTENANCE PERSONNEL
TACAN

68 00546 NAT U
 02-E
 HOGAN, D.
 SHINN, B. J.
 RANDALL, F. M.
 DANYLIK, P. R.
 MALLERY, C. G.
 GENERAL ELECTRIC CO., BINGHAMTON, N. Y.
 ADVANCED AUTOMATIC FLIGHT CONTROL SYSTEM
 STUDY.# FINAL REPORT.
 DOD ONLY
 AUG 1967, 298 P, ILLUS, TABLES, 19 REFS
 DA28-043-AMC-01215/E/
 ACD-8280
 AD-821 125
 AUTOMATIC
 FLIGHT CONTROL SYSTEMS
 SIMULATION
 SENSING ELEMENTS
 COMPUTERS
 ACTUATORS
 COSTS
 EFFECTIVENESS
 MILITARY AIRCRAFT
 SAS /STABILITY AUGMENTATION SYSTEM/

68 00547 NAT U
 06-E
 ARMY COMBAT DEVELOPMENTS COMMAND,
 FORT MONMOUTH, N. J.
 APPLICATION OF AUTOMATIC SWITCHING
 SYSTEMS 1965-1970 /U/.# PHASE I.
 FINAL DRAFT.
 GENERAL DISTRIBUTION
 DEC 1965, 146 P, ILLUS, TABLES, 7 REFS
 USACDLCEA-65-10
 AD-820 616
 AUTOMATIC
 COMMUNICATION SYSTEMS
 ELECTRONIC SWITCHES
 ARMY

68 00548 NAT U
 06-E
 LEE, M. R.
 SHARP, D. L.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 SACC/S/AUTODIN/TELETYPE INTERFACE /SATIN/
 STUDY.#
 NO FOREIGN
 SEP 1967, 106 P, ILLUS, TABLES, 11 REFS
 F30602-67-C-0141
 SCR-350
 RADG-TR-67-402
 AD-820 461
 STRATEGIC AIR COMMAND
 COMMUNICATION SYSTEMS
 DIGITAL COMPUTERS
 DATA LINK
 INFORMATION RETRIEVAL
 DATA TRANSMISSION SYSTEMS
 COMMAND AND CONTROL SYSTEMS
 PROJECT SATIN

68 00549 NAT U
 06-B
 REED, R. E.
 RADIO CORP. OF AMERICA, LANCASTER, PENNA.
 TRANSMITTER TUBE INVESTIGATION.#
 FINAL REPORT.
 NO FOREIGN
 OCT 1967, 272 P, ILLUS, TABLES, 9 REFS
 AF30/602/-4149
 RADG-TR-67-430
 AD-822 819
 THEORY
 VIBRATION
 HIGH FREQUENCY
 COOLING
 EXCITATION
 TEMPERATURE
 TEST EQUIPMENT
 CHECKOUT PROCEDURES
 AMPLIFIERS

68 00550 NAT U
 06-C
 DION, A. R.
 MASSACHUSETTS INST. OF TECH.,
 LEXINGTON.
 SURVEY OF SATELLITE COMMUNICATION
 ANTENNAS.#
 GENERAL DISTRIBUTION
 MAY 1967, 34 P, ILLUS, 11 REFS
 AF19/628/-5167
 ESD-TR-67-273
 TN-1967-17
 AD-661 578
 COMMUNICATION SATELLITES /ACTIVE/
 SATELLITE ANTENNAS
 ANTENNA RADIATION PATTERNS

68 00551 NAT U
 07-C
 MURPHY, J. J.
 LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
 INTEGRATED COCKPIT RESEARCH PROGRAM -
 VOLUME II.#
 GENERAL DISTRIBUTION
 JAN 1967, 180 P, ILLUS, TABLES, 25 REFS
 NONR-4951/00/
 AD-662 186
 COCKPITS
 DISPLAY SYSTEMS
 MAN-MACHINE SYSTEMS
 CONTROL SYSTEMS
 DESIGN
 OPERATION
 COSTS
 EFFECTIVENESS
 FLIGHT INSTRUMENTS
 COMPUTERS

68 00552 NAT U
 08-G
 PARKS, D. L.
 BOEING CO., RENTON, WASH.
 HUMAN ENGINEERING PROGRAM.#
 GENERAL DISTRIBUTION
 SEP 1967, 66 P, ILLUS, TABLES, 9 REFS
 DA-49-186-AMC-370A
 AD-822 023
 HUMAN ENGINEERING
 SUPERSONIC TRANSPORTS
 RESEARCH PROGRAM ADMINISTRATION
 DESIGN
 STANDARDS
 FLIGHT CREWS
 JOB ANALYSIS
 AIRCRAFT EQUIPMENT
 PASSENGERS
 LIFE SUPPORT
 AVIATION SAFETY

68 00553 NAT U
02-K
LADD, D. M.
ILERY, M. M., JR.
ARMY, CORPS OF ENGINEERS, ENGINEER WATERWAYS
EXPERIMENT STATION, VICKSBURG, MISS.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
AIRCRAFT GROUND-FLUTATION INVESTIGATION.#
PART I- BASIC REPORT.
NO FOREIGN
JUL 1967, 101 P, ILLUS, TABLES, 9 REFS
MFW-AS-4-177
AFDOL-TDR-66-43
AD-R21 088
LANDING MATS
STANDARDS
SOILS
LANDING GEAR
PAVEMENT
AIRCRAFT TIRIS
PRESSURE
LOADING /MECHANICS/
MODEL TESTS
GROUND SPEED
088.

68 00554 NAT U
02-A
GLASSER, J.
STURER, W. M.
JENNETH, M. A.
ALVEY, V. M.
STARR, G. A.
FUTELL, W. D.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
BASIC SHAPES FOR AEROSPACE STRUCTURES.#
PHASE II. DEVELOPMENT OF PRELIMINARY
SPECIFICATIONS.
GENERAL DISTRIBUTION
SEP 1966, 164 P, ILLUS, TABLES
AF 33/615/-3430
AD-R00 038
AERODYNAMIC CONFIGURATIONS
AEROSPACE CRAFT
STRUCTURAL PARTS
STANDARDS
FUSELAGE
HEAT SHIELDS
SURFACE PROPERTIES
PANELS /STRUCTURAL/
TRANS-IENT PANELS
PRESSURE VESSELS

68 00555 NAT U
02-G
MARINE CORPS SCHOOL, QUANTICO, VA.
ROTOR TIP LIGHTING FOR HELICOPTERS.#
OCT 1963, 10 P
AD-R21 198
STANDARDS
DESIGN
HELICOPTER ROTORS
LIGHTING EQUIPMENT
NIGHT FLIGHT
VISUAL FLIGHT
MILITARY AIRCRAFT

68 00556 NAT U
02-I
LHAM, D., DR.
MCLEAN, P.
BRIGSTOCKE, A.
CANADA, DIRECTORATE OF FLIGHT SAFETY.
J79 BIRDSTRIKE MANUAL FOR INVESTIGATORS.#
GENERAL DISTRIBUTION
1967, 51 P, ILLUS
AD-821 658
BIRDS
COLLISION
HANDBOOKS
ACCIDENT INVESTIGATION
JET ENGINES

68 00557 P NAT U
03-B
SPINNER, L. N.
HENCIVENGA, V. L.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
ADVANCED SCANNING BEAM GUIDANCE SYSTEM
FOR ALL WEATHER LANDING.#
GENERAL DISTRIBUTION
FEB 1968, 55 P, ILLUS
SRDS-R-68-2
AD-655 973
ALL-WEATHER AVIATION
TERMINAL GUIDANCE
INSTRUMENT LANDINGS
BEAMS /ELECTROMAGNETIC/
SCANNING

68 00558 NAT U
04-F
LAMBLOTTE, D. J.
CHAMBERLIN, W. M.
NAVAL CIVIL ENGINEERING LAB.,
PORT HUENEME, CALIF.
AIRFIELD PAVEMENT EVALUATION, USNAS SEATTLE
WASHINGTON.#
GOVERNMENT AGENCIES ONLY
SEP 1967, 189 P, ILLUS, 4 REFS
N-930
AD-824 127
RUNWAYS
PAVEMENTS
MATERIALS
ASPHALT
CEMENTS
CONCRETE
MECHANICAL PROPERTIES
LOADING /MECHANICS/
TEST METHODS
USNAS SEATTLE WASHINGTON

68 00559 NAT U
04-E
DRISKO, R. W., PHD.
NAVAL CIVIL ENGINEERING LAB.,
PORT HUENEME, CALIF.
MISCELLANEOUS FIELD EXPERIENCES WITH AIRFIELD
MARKING PAINTS.#
GOVERNMENT AGENCIES ONLY
OCT 1967, 14 P, ILLUS, 9 REFS
TN-934
AD-822 982
LANDING FIELDS
PAINTS
DAMAGE
ASPHALT
PAVEMENTS

68 00560 NAT U
 01-C
 DONALDSON, C. D.
 SNELEKER, R. S.
 MARGOLIS, D. P.
 AERONAUTICAL RESEARCH ASSOCIATES OF
 PRINCETON, INC., PRINCETON, N. J.
 A STUDY OF THE MEAN AND TURBULENT STRUCTURE
 OF A FREE JET AND JET IMPINGEMENT HEAT
 TRANSFER.#
 GENERAL DISTRIBUTION
 DEC 1966, 84 P, ILLUS, 29 REFS
 NONR-3903/00/X
 NRL-MR-1828
 AD-656 692
 HEAT TRANSFER
 TURBULENCE
 JETS
 MEASUREMENT
 VELOCITY
 PRESSURE

68 00561 NAT U
 10-G
 PIGGOTT, B. A. M.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 ATMOSPHERIC TURBULENCE AND AIRCRAFT
 HEIGHT-KEEPING ACCURACY.#
 GENERAL DISTRIBUTION
 AUG 1967, 24 P, ILLUS, 14 REFS
 RAE-TR-67195
 TURBULENCE
 ALTITUDE
 EQUATIONS
 MOTION
 AUTOMATIC PILOTS
 SEPARATION
 AIRCRAFT
 RESPONSE

68 00562 NAT U
 02-I
 COLBORN, I. M.
 ST. BRIT. MINISTRY OF AVIATION, AEROPLANE AND
 ARMAMENT EXPERIMENTAL ESTABLISHMENT, LONDON.
 MEASUREMENT OF NEAR FIELD NOISE OF A
 LIGHTNING AIRCRAFT DURING ENGINE GROUND
 RUNNING.#
 GENERAL DISTRIBUTION
 AUG 1966, 5 P, TABLE, 3 REFS
 AAEF-TECH-353/ENG
 AD-819 904
 MEASUREMENT
 NEAR FIELD
 AIRPLANE NOISE
 EXPOSURE
 MAINTENANCE PERSONNEL
 PROTECTIVE CLOTHING
 LIGHTNING AIRCRAFT

68 00563 NAT U
 10-G
 KING, G. E.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 CIVIL AIRCRAFT AIRWORTHINESS DATA RECORDING
 PROGRAMME STUDY OF SEVERE TURBULENCE
 ENCOUNTERED BY CIVIL AIRCRAFT.#
 NO ABSTRACT
 JUN 1967, 22 P, ILLUS, TABLES, 5 REFS
 HAR-TR-67106
 AD-823 676
 AIRWORTHINESS
 TURBULENCE
 AIRCRAFT
 RESPONSE
 MEASUREMENT

68 00564 NAT U
 10-G
 SAUNDERS, J. B.
 ST. BRIT. MINISTRY OF TECHNOLOGY, TECHNICAL
 INFORMATION AND LIBRARY SERVICES, LONDON.
 FURTHER ANALYSIS OF TSR.2 FLIGHT
 THROUGH TURBULENCE.#
 GENERAL DISTRIBUTION
 MAY 1967, 16 P, ILLUS
 S & T-MEMO-1/67
 AD-820 103
 TURBULENCE
 AIRCRAFT
 RESPONSE
 PITCH / MOTION/
 ACCELERATION
 PILOTS
 PROBABILITY

68 00565 NAT U
 02-I
 DRENNEN, W. J.
 FEDERAL AVIATION AGENCY, WASHINGTON, D. C.
 AIRCRAFT LANDING SPEED AND ACCIDENT
 CORRELATION.# MEMORANDUM.
 GENERAL DISTRIBUTION
 MAY 1966, 10 P, ILLUS
 AD-665 867
 AIRCRAFT
 LANDING
 GROUND SPEED
 AVIATION ACCIDENTS
 ACCIDENT INVESTIGATION 0444 00

68 00566 NAT U
 11
 MOLLINS, G.
 SCANNELL LABS., INC., SPRINGFIELD, VA.
 VORTAC PERFORMANCE IN A SNOW AND ICE
 ENVIRONMENT.# FINAL REPORT.
 GENERAL DISTRIBUTION
 JUN 1967, 138 P, ILLUS, 13 REFS
 FA65WA-1316
 SROD-RO-68-3
 AD-665 814
 VOR /VME OMNIDIRECTIONAL RADIO RANGE/
 SNOW
 ICE
 ANTENNAS
 RADIO NAVIGATION
 HEATING
 NEAR FIELD
 ERRORS
 EQUATIONS
 ELECTROMAGNETIC WAVE REFLECTIONS
 VORTAC

68 00567 NAT U
 07-F
 SPANGLER, R. M.
 SULZER, R. L.
 FEDERAL AVIATION ADMINISTRATION, NATIONAL
 AVIATION FACILITIES EXPERIMENTAL CENTER
 ATLANTIC CITY.
 FLIGHT SIMULATION STUDY OF AIR-TO-AIR
 RANGING DISPLAYS FOR SEPARATION ASSURANCE.#
 INTERIM REPORT.
 GENERAL DISTRIBUTION
 FEB 1968, 20 P, ILLUS, 4 REFS
 NA-68-13
 AD-68-83
 AD-666 620
 FEDERAL AVIATION ADMINISTRATION
 FLIGHT SIMULATORS
 AIR-TO-AIR
 DISPLAY SYSTEMS
 SEPARATION
 WARNING SYSTEMS
 COLLISION AVOIDANCE
 RANGE FINDING

68 00568 R NAT U
07-F
CROOK, W.
SULZER, R.
FEDERAL AVIATION ADMINISTRATION.
NATIONAL AVIATION FACILITIES EXPERIMENTAL
CENTER, ATLANTIC CITY.
SIMULATION AND ANALYSIS OF OVER-OCEAN
SEPARATION ASSURANCE PROCEDURES AND DISPLAYS.
FINAL REPORT.
GENERAL DISTRIBUTION
FEB 1968, 72 P, ILLUS, 6 REFS
NA-68-14
AD-67-43
AD-666 829
FEDERAL AVIATION ADMINISTRATION
FLIGHT SIMULATORS
TRANSOLANIC
SEPARATION
COLLISION AVOIDANCE
DISPLAY SYSTEMS
RANGE FINDING
WARNING SYSTEMS
TEST METHODS

68 00569 NAT U
11
WOZNIAK, D.
CHALZ, W.
LEAF SIEGLER, INC. INSTRUMENT DIV.,
GRAND RAPIDS.
AN/AYA-4 LORAN-C HYPERBOLIC COORDINATE
CONVERTER SET. FINAL REPORT.
GENERAL DISTRIBUTION
JUN 1967, 390 P, ILLUS
FA-WA-4659
SROS-RD-67-31
AD-665 782
LORAN
HYPERBOLIC NAVIGATION
NAVIGATION COMPUTERS
FLIGHT TESTING
THEORY
LORAN EQUIPMENT
AN/AYA-4

68 00570 NAT U
11
WOZNIAK, D.
CHALZ, W.
LEAF SIEGLER, INC., GRAND RAPIDS.
AN/AYA-4 LORAN-C HYPERBOLIC COORDINATE
CONVERTER SET. FINAL REPORT.
GENERAL DISTRIBUTION
JUN 1967, 390 P, ILLUS
FA-WA-4659
SROS-RD-67-31
AD-665 781
LORAN
HYPERBOLIC NAVIGATION
NAVIGATION COMPUTERS
FLIGHT TESTING
DESIGN
LORAN EQUIPMENT
AN/AYA-4

68 00571 NAT U
02-A
WELLS, R. J.
MCGREW, J. M.
GENERAL ELECTRIC CO., CINCINNATI.
MODEL FREON COMPRESSOR ACOUSTICAL STUDIES.
TECHNICAL REPORT.
GENERAL DISTRIBUTION
JAN 1968, 245 P, ILLUS, 42 REFS
FA-67WA-1638
FAA-DS-68-5
AD-666 320
AXIAL-FLOW COMPRESSORS
ACOUSTICS
THEORY
MODEL TESTS
DESIGN
INSTRUMENTATION
JET PLANES
FREON

68 00572 NAT U
02-1
HEID, T. L.
WISER, J. O.
GENERAL DYNAMICS/CONVAIR, SAN DIEGO, CALIF.
DESIGN STUDY AND MODEL STRUCTURES TEST
PROGRAM TO IMPROVE FUSELAGE CRASHWORTHINESS.
FINAL REPORT.
GENERAL DISTRIBUTION
OCT 1967, 100 P, ILLUS, 5 REFS
FA67WA-1541
PRJ-510-002-07X
DS-67-20
AD-666 816
CRASHWORTHINESS
DESIGN
MODEL TESTS
STRUCTURAL PARTS
FUSELAGES
RESPONSE
IMPACT SHOCK
DIGITAL COMPUTERS

68 00573 NAT U
07-C
NICHOLSON, R. M.
WOLF, J. O.
CLIFFORD, R. R.
HONEYWELL INC. SYSTEMS AND RESEARCH DIV.,
MINNEAPOLIS.
DISPLAY REQUIREMENTS STUDY FOR HELICOPTER
FORMATION FLIGHT.
GENERAL DISTRIBUTION
JAN 1968, 263 P, ILLUS, TABLES
N00014-68-C0362
12543-FH1
AD-665 277
DISPLAY SYSTEMS
STANDARDS
HELICOPTERS
INSTRUMENT FLIGHT
SIMULATION
TURBULENCE
FAILURE /MECHANICS/
DESIGN

68 00574 NAT U
06-B
HILBERMAN, D.
CASE WESTERN RESERVE UNIV., CLEVELAND.
NETWORKS WITH UNITY-GAIN VOLTAGE AMPLIFIERS
GENERAL DISTRIBUTION
DEC 1967, 70 P
AF149620/1644
AFRL-67-0553
AD-665 147
NETWORKS
AMPLIFIERS
RESISTORS
CAPACITORS
UNITY-GAIN VOLTAGE AMPLIFIERS

68 00575 NAT U
 02-C
 PLEDGER, E. R.
 GARRETT CORP., TORRANCE, CALIF.
 UNINTERRUPTIBLE POWER SYSTEM MODULE
 ANALYSIS.0 INTERIM REPORT.
 GENERAL DISTRIBUTION
 NOV 1967, 73 P, ILLUS
 FA-67-WA-1748
 SRDS-RD-67-62
 AD-666 823
 POWER EQUIPMENT
 RELIABILITY
 MAINTAINABILITY
 DESIGN
 ELECTRICAL EQUIPMENT
 COSTS
 BATTERIES AND COMPONENTS
 ELECTRONIC EQUIPMENT
 ALTERNATING CURRENT
 AIR ROUTE TRAFFIC CONTROL CENTERS

68 00576 NAT U
 06-I
 COLLIN, R. E.
 HAZONY, D.
 CASE WESTERN RESERVE UNIV., CLEVELAND.
 ANISOTROPIC MEDIA AND NETWORK SYNTHESIS.0
 FINAL REPORT.
 GENERAL DISTRIBUTION
 SEP 1967, 48 P, ILLUS, 47 REFS
 AF19/628/1699
 AFRL-67-0606
 AD-665 146
 NETWORKS
 SYNTHESIS
 PROPAGATION
 WAVEGUIDES
 PLASMA PHYSICS
 MEASUREMENT
 ELECTRONICS
 DENSITY
 BEAMS /ELECTROMAGNETIC/
 AMPLIFIERS
 CYCLOTRONS
 ANISOTROPIC

68 00577 NAT U
 06-M
 GOGGINS, W. B., JR.
 AIR FORCE CAMBRIDGE RESEARCH LABS. L. G.
 HANSCOM FIELD, BEDFORD, MASS.
 A LARGE DYNAMIC RANGE MICROWAVE POWER
 MEASUREMENT SYSTEM EMPLOYING FEEDBACK.0
 GENERAL DISTRIBUTION
 OCT 1967, 24 P, ILLUS
 AFRL-67-05-86
 AD-665 124
 MICROWAVE EQUIPMENT
 POWER EQUIPMENT
 MEASUREMENT
 FEEDBACK
 SIGNALS
 SERVOMECHANISMS
 DESIGN
 CONTROL SYSTEMS

68 00578 NAT U
 09-M
 KUCHTA, J. M.
 CATO, R. J.
 AIR FORCE AEROPROPULSION LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 REVIEW OF IGNITION AND FLAMMABILITY PROPERTIES
 OF LUBRICANTS
 GENERAL DISTRIBUTION
 JAN 1968, 61 P, ILLUS, 51 REFS
 AFAPL-TR-67-126
 AD-665 121
 IGNITION
 FLAMMABILITY
 LUBRICANTS
 HYDRAULIC FLUIDS
 DATA
 DECOMPOSITION
 TEMPERATURE
 MECHANICAL PROPERTIES
 STABILITY

68 00579 NAT U
 06-J
 BLAKE, L. V.
 NAVAL RESEARCH LAB., WASHINGTON, D. C.
 RADIO RAY (RADAR) RANGE-HEIGHT-ANGLE
 CHARTS.0
 GENERAL DISTRIBUTION
 JAN 1968, 16 P, ILLUS
 NRL-66650
 AD-665 018
 MAPS
 ALTITUDE
 ATMOSPHERIC REFRACTION
 EQUATIONS
 RADIO RANGES
 ATMOSPHERE MODELS
 RADIO BEAMS

68 00580 NAT U
 06-C
 MUNGER, A. D.
 NAVAL ELECTRONICS LAB. CENTER, SAN DIEGO,
 CALIF.
 CURRENT DISTRIBUTIONS AND RADIATION
 PATTERNS FOR CIRCULAR-ARRAY RADAR ANTENNA -
 THEORY.0
 GENERAL DISTRIBUTION
 OCT 1967, 44 P, ILLUS, 6 REFS
 NELC-R1521
 AD-664 826
 RADAR ANTENNAS
 ANTENNA RADIATION PATTERNS
 THEORY 05059 00
 CONFIGURATION
 SCANNING
 AMPLITUDE MODULATION
 PHASE MODULATION
 DISTRIBUTION
 ELECTRIC CURRENTS
 CARAMBA /CIRCULAR ARRAY RADAR AGILE MOVING
 BEAM ANTENNA/

48 00581 NAT U
 02-G
 BLACKBURN, W. E.
 RITA, A. D.
 ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
 UH-2 HELICOPTER HIGH-SPEED FLIGHT RESEARCH
 WITH LIFT AND THRUST AUGMENTATION.#
 GENERAL DISTRIBUTION
 OCT 1967, 76 P, ILLUS, TABLES, 4 REFS
 DA44-177-AMC-151/T/
 USAAVLARS-TR-67-12
 AD-664 791
 FLIGHT SPEEDS
 LIFT
 THRUST
 HELICOPTER ROTORS
 FLIGHT TESTING
 STALLING
 COMPRESSIVE PROPERTIES
 HANDLING
 AERODYNAMIC LOADING
 VIBRATIONS
 UH-2 HELICOPTER

48 00582 NAT U
 02-G
 VARNER, S. L.
 ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
 DESIGN ANALYSIS OF INTEGRAL WEIGHT AND
 BALANCE SYSTEM FOR ARMY CARGO HELICOPTERS.#
 GENERAL DISTRIBUTION
 AUG 1967, 109 P, ILLUS, TABLES
 DA44-177-AMC-451/T/
 USAAVLARS-TR-67-50
 AD-664 644
 DESIGN
 WEIGHT
 HELICOPTERS
 MILITARY AIRCRAFT
 ARMY
 CENTER OF GRAVITY
 AERODYNAMIC FORCES
 CARGO
 INSTRUMENTATION
 HELICOPTER ROTORS
 SYSTEMS ENGINEERING
 BALANCE

68 00583 NAT U
 05-F
 BRUMAGHIM, S. H.
 BEEFING CO., WICHITA, KANS.
 SUBJECTIVE REACTION TO DUAL FREQUENCY
 VIBRATION.#
 DOD ONLY
 DEC 1967, 45 P, ILLUS, TABLES, 9 REFS
 NONR-2994/00/
 TR-03-7562
 AD-664 510
 REACTION /PSYCHOLOGY/
 VIBRATION
 PILOTS
 LOW FREQUENCY

68 00584 NAT U
 02-I
 CALCATERRA, P. C.
 SCHUBERT, D. W.
 BARRY WRIGHT CORP. BARRY CONTROLS DIV.,
 WATERTOWN, MASS.
 RESEARCH ON ACTIVE VIBRATION ISOLATION
 TECHNIQUES FOR AIRCRAFT PILOT PROTECTION.#
 GENERAL DISTRIBUTION
 OCT 1967, 38 P, ILLUS, 47 REFS
 AF33/615/-2955
 AMRL-TR-67-138
 AD-664 090
 VIBRATION
 TECHNIQUES
 PILOTS
 LOW ALTITUDE
 PROTECTIVE SCHEMES
 MODEL TESTS
 HYDRAULIC SYSTEMS
 FLIGHT CREWS
 ISOLATION SYSTEMS

68 00585 NAT U
 06-G
 DELLEGAR, W. E.
 NAVAL ELECTRONICS LAB. CENTER,
 SAN DIEGO, CALIF.
 MICROELECTRONIC INTEGRATED-CIRCUIT BOARDS -
 REPAIR.#
 GENERAL DISTRIBUTION
 OCT 1967, 58 P, ILLUS, 16 REFS
 NELC-R1519
 AD-663 897
 INTEGRATED CIRCUITS
 MICROMINIATURIZATION /ELECTRONICS/
 MAINTENANCE
 RELIABILITY
 DESIGN
 AUTOMATIC
 TEST EQUIPMENT
 TRAINING
 MAINTENANCE PERSONNEL

68 00586 NAT U
 06-F
 RASKAUSKAS, B. J.
 WHITAKER, E. G.
 AIR FORCE AEROPROPULSION LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 MICROCIRCUIT COMPUTERS FOR FIRE AND
 OVERHEAT DETECTION IN MANNED FLIGHT VEHICLES.#
 DOD ONLY
 DEC 1967, 34 P, ILLUS
 F33615-67-C-1343
 AFAPL-TR-67-145
 AD-663 247
 MICROMINIATURIZATION /ELECTRONICS/
 CIRCUITS
 COMPUTERS
 AIRCRAFT FIRES
 DETECTION
 MANNED SPACECRAFT
 DESIGN
 CONSTRUCTION
 COMPUTER LOGIC
 EQUATIONS
 TEMPERATURE

68 00587 NAT U
02-1
TRUMBLE, T. M.
AIR FORCE AEROPROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
INTEGRATED FIRE AND OVERHEAT DETECTION
SYSTEM FOR MANNED FLIGHT VEHICLES.#
GENERAL DISTRIBUTION
OCT 1967, 50 P, ILLUS, TABLES
AFAPL-TR-67-129
AD-663 213
AIRCRAFT FIRES
DETECTION
MANNED SPACECRAFT
COMPUTERS
ENGINE NOZZLES
SENSING ELEMENTS
DESIGN
STANDARDS
TEMPERATURE

68 00588 NAT U
12-B
ABBOTT, I. M.
NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS,
WASHINGTON, D. C.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT.
SOME FACTORS CONTRIBUTING TO SCALE EFFECT
AT SUPERSONIC SPEEDS.#
GENERAL DISTRIBUTION
SEP 1953, 26 P, ILLUS
AGB/M4
AD-662 965
SUPERSONIC FLIGHT
SCALE
AERODYNAMIC FORCES
PRESSURE
FLUID DYNAMIC PROPERTIES

68 00589 NAT U
12-G
HIGGINS, J. M.
AERACRAFT, INC., GARDENA, CALIF.
THEORETICAL STUDY OF STRUCTURAL RESPONSE TO
NEAR-FIELD AND FAR-FIELD SONIC BOOMS.#
GENERAL DISTRIBUTION
OCT 1966, 207 P, ILLUS, 35 REFS
AF49/638/-1777
AD-662 893
THEORY
SONIC BOOM
NEAR FIELD
FAR FIELD
RESPONSE
STRUCTURAL PARTS
INTENSITY

68 00590 NAT U
11
VOUCHENKO, N. V.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
DESIGN OF INERTIAL GUIDANCE SYSTEMS.#
GENERAL DISTRIBUTION
JUL 1967, 13 P, ILLUS
AF31/657/-16408
FTD-HT-23-571-67
AD-662 841
DESIGN
INERTIAL GUIDANCE
DIFFERENTIAL EQUATIONS
CONTROL
THEORY
ACCELERATION
NAVIGATIONAL AIDS
INERTIAL NAVIGATION
CORRECTION FORCE

68 00591 NAT U
12-N
MEMRA, R. A.
HARVARD UNIV., CAMBRIDGE, MASS.
CONJUGATE GRADIENT METHODS WITH AN
APPLICATION TO V/STOL FLIGHT-PATH
OPTIMIZATION.#
GENERAL DISTRIBUTION
NOV 1967, 36 P, ILLUS, 20 REFS
N00014-67-A0298-0004
NGR-22-007-068
TR-543
AD-622 686
OPTIMIZATION
VERTICAL TAKE-OFF PLANE
SHORT TAKE-OFF PLANE
FLIGHT PATH
MATHEMATICAL ANALYSIS
EQUATIONS
TIME
TIMING
CONTROL
CONJUGATE GRADIENT METHODS

68 00592 NAT U
02-U
DREHER, J. F.
WAFFORD, J. H.
RESEARCH AND TECHNOLOGY DIV. SYSTEMS
ENGINEERING GROUP, WRIGHT-PATTERSON AFB, OHIO.
GROUND ACOUSTICAL SURVEY OF THE F-4
AIRPLANE WITH TF-33-P-11A ENGINE.#
GENERAL DISTRIBUTION
OCT 1967, 28 P, ILLUS
SEG-TR-67-26
AD-662 597
AIRPLANE ENGINES
ACOUSTICS
DATA
EXHAUST SYSTEMS
MEASUREMENT
TURBOFAN ENGINES
DESIGN
ACOUSTIC INSULATION
MILITARY AIRCRAFT
RB-57F AIRCRAFT

68 00593 NAT U
06-C
PACKARD, R. F.
ELECTRONIC COMMUNICATION, INC. RESEARCH DIV.,
TIMONIUM, MD.
TECHNIQUE FOR MEASURING RADIATION
PATTERNS OF ARRAY ANTENNAS.#
GENERAL DISTRIBUTION
AUG 1962, 27 P, ILLUS, TABLES
N00SR-65127
AD-662 280
TECHNIQUES
MEASUREMENT
ANTENNA RADIATION PATTERNS
ANTENNA CONFIGURATIONS

68 00594 NAT U
09-B
TRAYSER, D. A.
WATTELLE MEMORIAL INST., COLUMBUS, OHIO.
DETERIORATION OF FUELS AND FUEL-USING
EQUIPMENT.#
GENERAL DISTRIBUTION
AUG 1967, 64 P, ILLUS, TABLES, 17 REFS
B-70922/4949A-27/-US
AD-662 266
DEGRADATION
FUELS
MAINTENANCE
STORAGE
SMELTERS
AUXILIARY POWER PLANTS

58 00595 NAT U
13-C
FRYSINGER, G. M.
ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J.
BATTERY-FUEL CELL SYSTEM.
GENERAL DISTRIBUTION
MAY 1967, 21 P, ILLUS
AD-662 234
BATTERIES AND COMPONENTS
FUEL CELLS
ATMOSPHERIC POLLUTION
VEHICLES
TRANSPORTATION
URBAN AREAS
ELECTRIC PROPULSION

68 00596 NAT U
10-A
VINNICHENKO, N. K.
SHUK, G. N.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
A MULTICHANNEL AIRBORNE CODING CONVERTER.
GENERAL DISTRIBUTION
JUL 1967, 12 P, ILLUS
FID-NT-67-245
AD-662 207
AIRBORNE
ELECTRONIC EQUIPMENT
METEOROLOGICAL INSTRUMENTS
PULSE MODULATION
CODING

68 00597 NAT U
07-G
MURPHY, J. V.
LITTON SYSTEMS, INC. GUIDANCE AND CONTROL
SYSTEMS DIV., WOODLAND HILLS, CALIF.
INTEGRATED COCKPIT RESEARCH PROGRAM.
VOLUME I. FINAL REPORT.
GENERAL DISTRIBUTION
JAN 1967, 140 P, ILLUS, 25 REFS
NORR4951/007
AD-662 185
COCKPITS
RESEARCH PROGRAM ADMINISTRATION
CONTROL SYSTEMS
DISPLAY SYSTEMS
PILOTS
JOB ANALYSIS
MATHEMATICAL PREDICTION
AIRBORNE
COMPUTERS

68 00598 NAT U
09-G
POPLEY, A. R.
TERRY, C. A.
WALKER, P.
GT. BRIT. MINISTRY OF TECHNOLOGY.
DIRECTORATE OF MATERIALS RESEARCH AND
DEVELOPMENT, LONDON.
FACTORS AFFECTING THE ADHESION OF SURFACE
COATINGS TO ANODIZED ALUMINIUM ALLOYS.
GENERAL DISTRIBUTION
JUN 1967, 134 P, ILLUS, TABLES
DMAT-4146
AD-660 411
ADHESION
SURFACE PROPERTIES
COATINGS
ALUMINIUM ALLOYS
TEMPERATURE
CHEMICAL COMPOUNDS
TEST METHODS
ELECTROLYSES
ANODES

68 00599 NAT U
09-G
WALKER, E. K.
NORTHROP CORP. NORTHROP NORAIR DIV.,
MANTHORNE, CALIF.
A STUDY OF THE INFLUENCE OF GEOMETRY ON THE
STRENGTH OF FATIGUE CRACKED PANELS.
NO FOREIGN
JUL 1966, 130 P, ILLUS, TABLES, 20 REFS
AF33/6157-2522
AFDL-TR-66-92
AD-801 025
GEOMETRY
TENSILE PROPERTIES
FATIGUE /MECHANICS/
FRACTURE /MECHANICS/
ELASTICITY
PANELS /STRUCTURAL/
ALUMINIUM ALLOYS
TITANIUM ALLOYS
BUCKLING /MECHANICS/
EQUATIONS
STRAIN /MECHANICS/

68 00600 NAT U
09-A
PHILLIPS, A.
KENLINS, V.
RAWE, R. A.
WHITESON, B. V.
DOUGLAS AIRCRAFT CO., INC., SANTA MONICA,
CALIF.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
ELECTRON FRACTOGRAPHY HANDBOOK SPECIFIC
APPLICATIONS OF ELECTRON FRACTOGRAPHY.
NO FOREIGN
DEC 1966, 55 P, ILLUS, TABLES, 7 REFS
AF33/6157-3016
AFML-TR-66-416-SUPPL-1
AD-805 444
HANDBOOKS
ELECTRON MICROSCOPY
FRACTURE /MECHANICS/
STRESSES
STRAIN /MECHANICS/
FATIGUE /MECHANICS/
CORROSION
MECHANICAL PROPERTIES
STEEL
TECHNIQUES

68 00601 NAT U
02-N
JELSON, B. A.
HONEYWELL, INC. MINNEAPOLIS.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
DISPLAY AND CONTROL REQUIREMENTS STUDY FOR
V/STOL TACTICAL AIRCRAFT. VOLUME I. ANALYSES
NO FOREIGN
AUG 1967, 139 P, ILLUS, TABLES, 59 REFS
AF33/6157-2527
12512-PRI-VOL-1
AD-807 697
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
DISPLAY SYSTEMS
FLIGHT CONTROL SYSTEMS
STANDARDS
SIMULATION
HOVERING
TRANSITION FLIGHT
LANDING

68 00602 NAT U
11
PIERCE, J. A.
PICKARD AND BURNS ELECTRONICS, WALTHAM, MASS.
OMEGA-A WORLD-WIDE NAVIGATIONAL SYSTEM.#
GENERAL DISTRIBUTION
MAY 1966, 100 P, ILLUS, 5 REFS
AD-630 900
NAVIGATION
RADIO NAVIGATION
VERY LOW FREQUENCY
HYPERBOLIC NAVIGATION
GEOMETRY
PROPAGATION
SYNCHRONIZATION /ELECTRONICS/
TRANSMITTER-RECEIVERS
MONITORS
NAVIGATION CHARTS
OMEGA NAVIGATION

68 00603 NAT U
09-B
WALSH, R. M.
WHEELER, E. J. R.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
AN INVESTIGATION INTO THE PROBLEM OF VALVE
STRICTION ASSOCIATED WITH THE USE OF HIGH
TEMPERATURE HYDRAULIC FLUIDS.#
NO FOREIGN
SEP 1966, 17 P, ILLUS, TABLES
RAE-TR-66304
AD-813 665
HYDRAULIC VALVES
HYDRAULIC FLUIDS
HIGH-TEMPERATURE RESEARCH
SURFACE PROPERTIES
MECHANICAL PROPERTIES
STRICTION

68 00604 NAT U
09-G
FREUDENTHAL, A. M.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
ASPECTS OF CUMULATIVE DAMAGE IN FATIGUE
DESIGN.#
NO FOREIGN
APR 1967, 14 P, 5 REFS
AF33/6157-3430
AFML-TR-67-112
AD-816 202
DAMAGE
FATIGUE /MECHANICS/
DESIGN
METALS
STRUCTURAL PARTS
AIRFRAMES

68 00605 NAT U
04-G
APPLE, W. R.
BARTON, E. J.
SALISBURY, M. R.
AUTOMATION INDUSTRIES, INC., BIRMINGHAM, CALIF.
RESEARCH IN THERMAL NONDESTRUCTIVE
EVALUATION OF CORROSION IN AIRCRAFT
STRUCTURES.#
FINAL REPORT.
NO FOREIGN
SEP 1967, 64 P, ILLUS
TR-67-91
AD-821 049
NON-DESTRUCTIVE TESTING
TEMPERATURE
CORROSION
AIRFRAMES
SCANNING
TEST METHODS
PAINTS
PAINTS /STRUCTURAL/
SURFACE PROPERTIES
DETECTION

68 00606 NAT U
06-A
MUGFORD, G. E.
GT. BRIT. SIGNAL, RESEARCH AND DEVELOPMENT
ESTABLISHMENT, CHRISTCHURCH, HANTS, ENGLAND.
AN ASSESSMENT OF THE LONG TERM SEMICONDUCTOR
REQUIREMENTS FOR STATIC POWER CONVERSION
EQUIPMENT.#
GENERAL DISTRIBUTION
MAY 1967, 12 P, ILLUS, TABLES
SROE-867006
AD-821 359
POWER EQUIPMENT
TRANSISTORS
THYRISTORS
SEMICONDUCTOR DEVICES
DIODES /SEMICONDUCTORS/

68 00607 NAT U
12-C
DE RUIJ, E. C. J.
NETHERLANDS. ARMED SERVICES SCIENTIFIC AND
TECHNICAL DOCUMENTATION AND INFORMATION,
THE HAGUE.
BIBLIOGRAPHY ON AIRCRAFT NOISE.# SUPPLEMENT
GENERAL DISTRIBUTION
MAY 1967, 59 P
TOMA-15350-SII-SUPPL-11
AD-321 165
BIBLIOGRAPHIES
AIRPLANE NOISE
HELICOPTERS
SONIC BOOM
JET ENGINE NOISE
FATIGUE /MECHANICS/
MEASUREMENT
URBAN AREAS
AIRPORTS
AIRFRAMES
FLIGHT INSTRUMENTS

68 00608 NAT U
02-A
WORGAN, A. P.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
MEASUREMENT OF THE MOTION OF PARKED AIRCRAFT
BY A PHOTOGRAPHIC METHOD.#
NO FOREIGN
JUN 1967, 23 P, ILLUS, TABLES, 2 REFS
RAE-TR-67112
AD-821 989
PHOTOGRAPHY
AIRCRAFT
MOTION
MEASUREMENT
INERTIAL NAVIGATION

68 00609 NAT U
02-K
WOOTTON, W. C.
OGDEN AIR MATERIEL AREA, HILL AFB, UTAH.
TEST OF U1 AIRCRAFT BRAKE ASSEMBLY, P/N
9530839 UNDER WET AND DRY LINING CONDITIONS.#
DOD ONLY
JUN 1967, 21 P, ILLUS
NE-42-3
AD-822 210
AIRCRAFT BRAKES
FAILURES /MECHANICS/
TEST METHODS
LANDING GEAR
AIRCRAFT BRAKING
F101-B AIRCRAFT

68 00610 NAT U
 10-G
 CROOKS, W. M.
 MODLIT, F. M.
 PROPHET, D. T.
 LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 PROJECT HICAT AN INVESTIGATION OF HIGH
 ALTITUDE CLEAR AIR TURBULENCE.# VOLUME III.
 APPENDICES IX AND X.
 NO FOREIGN
 NOV 1967, 372 P, ILLUS, TABLES, 23 REFS
 AF41/6477-11143
 LK-20771
 AFFDL-TF-67-123-VOL-III
 AD-425 369
 HIGH-ALTITUDE
 CLEAR AIR TURBULENCE
 MEASURING DEVICES /ELECTRICAL AND ELFC
 INSTRUMENTATION
 DATA PROCESSING SYSTEMS
 COSTS
 VELOCITY
 TURBULENCE
 ATMOSPHERIC MOTION
 PROJECT HICAT

68 00611 NAT U
 0A-X
 MUELM, E.
 MESARD, R.
 ZEITSEN, M.
 AIRBORNE INSTRUMENTS LAB.,
 DEER PARK, N. Y.
 PRECISION VOR PVOR /M/ MONITOR HANDBOOK.#
 VOLUME III.
 GENERAL DISTRIBUTION
 AUG 1967, 44 P, ILLUS
 FA65WA-105R
 SROS-RD-61-5A, III
 AD-656 967
 VOR /VME OMNIDIRECTIONAL RADIO RANGES/
 MONITORS
 HANDBOOKS
 MODIFICATION
 PVOR /M/ /PRECISION MULTILOBED VOR/

68 00612 R NAT U
 0A-D
 FEDERAL AVIATION ADMINISTRATION,
 WASHINGTON, D. C.
 THE AIRCRAFT/AIRPORT NOISE PROBLEM AND
 FEDERAL GOVERNMENT POLICY.#
 GENERAL DISTRIBUTION
 DEC 1967, 41 P, ILLUS, 10 REFS
 AIRPLANE NOISE
 AIRPORTS
 UNITED STATES GOVERNMENT
 STANDARDS
 LAW
 URBAN AREAS
 NOISE ABATEMENT

68 00613 NAT U
 0A-A
 AEROSPACE AND ELECTRONIC SYSTEMS,
 LOS ANGELES.
 1966 WINTER CONVENTION ON AEROSPACE AND
 ELECTRONIC SYSTEMS.# VOLUME VI. PRESENTED AT
 WINTER CONVENTION ON AEROSPACE AND ELECTRONIC
 SYSTEMS FEBRUARY 7-9, 1967.#
 GENERAL DISTRIBUTION
 1967, 15 P, ILLUS
 AIRPLANE NOISE
 AIRPORTS
 UNITED STATES GOVERNMENT
 STANDARDS
 LAW
 URBAN AREAS
 NOISE ABATEMENT

68 00614 NAT U
 09-D
 RAVINDRAN, R.
 TORONTO, UNIV., INST. FOR AEROSPACE STUDIES.
 STATISTICAL AND METALLOGRAPHIC ASPECTS OF
 FATIGUE FAILURE MECHANISMS IN METALS.#
 GENERAL DISTRIBUTION
 FEB 1968, 20 P, ILLUS, TABLES
 UTIAS-TN-123
 AD-665 530
 AIR TRAFFIC CONTROL SYSTEMS
 TELEVISION DISPLAY SYSTEMS
 DATA
 COMPUTERS
 ALPHANUMERICS

68 00615 NAT U
 02-D
 SMITH, M. E.
 WOLFF, M. E.
 AMO, INC. ROCKET TEST FACILITY, ST. LOUIS.
 ARNOLD ENGINEERING DEVELOPMENT CENTER,
 ARNOLD AF STATION, TENN.
 ACCURATE MEASUREMENT OF AIRFLOW RATE
 DURING TESTS OF AIR-BREATHING PROPULSION
 SYSTEMS.#
 NO FOREIGN
 MAR 1968, 42 P, ILLUS, 5 REFS
 AF40/6007-1200
 AEDL-TN-58-22
 AD-828 777
 STATISTICAL ANALYSIS
 METALLOGRAPHY
 FATIGUE /MECHANICS/
 FAILURE /MECHANICS/
 METALS
 TEST METHODS
 X-RAYS
 MICROSCOPY
 COPPER
 CENTRIFUGAL FORCE

68 00616 NAT U
 09-B
 JOHNSTON, R. K.
 MONITA, C. M.
 SOUTHWEST RESEARCH INST., SAN ANTONIO.
 JET FUEL STABILITY AND EFFECT OF FUEL-SYSTEM
 MATERIALS.#
 NO FOREIGN
 FEB 1968, 38 P, ILLUS, TABLES
 AF316151-2327
 AFAPL-TR-68-20
 RS-515
 AD-828 473
 JET ENGINE FUELS
 STABILITY
 FUEL SYSTEMS
 MATERIALS
 TEMPERATURE
 TEST METHODS
 STORAGE
 METALS
 HYDROLYSIS

68 00617 NAT U
02-E
BAUM, J. V.
CONLON, R. J.
KIPP, C. G.
WERTZ, J. B.
BATTLE MEMORIAL INST., COLUMBUS, OHIO.
RESEARCH AND INVESTIGATION OF ANALYTICAL
TECHNIQUES FOR PREDICTING RELIABILITY OF
FLIGHT CONTROL SYSTEMS AND COMPONENTS.#
NO FOREIGN
JAN 1968, 170 P, ILLUS. TABLES, 19 REFS
AF33(615)-2526-
AFFDL-TK-67-148
AD-828 323
RELIABILITY
FLIGHT CONTROL SYSTEMS
GYROSCOPES
TEST METHODS
STATISTICAL ANALYSIS
SERVOMECHANISMS
METALS
ACTUATORS
MIMIC METHOD

68 00618 NAT U
07-B
ELKIND, J. L.
MILLER, D. C.
HOLT, BEPANEK AND NEWMAN, INC.,
CAMBRIDGE, MASS.
ADAPTIVE CHARACTERISTICS OF THE HUMAN
CONTROLLER OF TIME-VARYING SYSTEMS.#
GENERAL DISTRIBUTION
DEC 1967, 197 P, ILLUS. TABLES, 24 REFS
AF33(657)/10124
AFFDL-TK-66-60
AD-665 455
HUMAN ENGINEERING
OPERATORS /PERSONNEL/
CONTROL
DECISION MAKING
MODELS
DETECTION
TRACKING
JOB ANALYSIS
ADAPTATION /PHYSIOLOGY/

68 00619 NAT U
09-D
EVANS, M. E.
CHAMBERS, A. G.
MOEING CO., WICHITA, KANS.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
STRESS CORROSION AND FATIGUE TESTS ON
7001-T75 ALUMINUM ALLOY.#
NO FOREIGN
DEC 1966, 50 P, ILLUS. TABLES
AF33(657)-7006-CCN-4/4N-860/
AFML-TR-66-12
AD-488 710
ALUMINUM ALLOYS
STRESSES
CORROSION
FATIGUE /MECHANICS/
TEST METHODS
7001-T75 ALUMINUM ALLOY

68 00620 NAT U
09-B
WILSON, D. R.
HARKER, F. J.
BOSSERT, A. J.
MASS, H. S.
MIDWEST RESEARCH INST., KANSAS CITY, MO.
EFFECT OF EXTREME CONDITIONS ON THE
BEHAVIOR OF LUBRICANTS AND FLUIDS.#
GOVERNMENT AGENCIES ONLY
FEB 1968, 35 P, ILLUS. TABLES, 3 REFS
AF33(615)-3484
AFML-TR-67-8-PART-11
AD-828 554L
LUBRICANTS
FLUIDS
SHEAR STRESSES
HIGH-TEMPERATURE RESEARCH
STABILITY
TEST METHODS
VISCOSITY
HIGH-PRESSURE RESEARCH
DENSITY

68 00621 NAT U
02-I
SHEFFIELD, J. J.
COMPUTER USAGE CO., INC., BALTIMORE.
ON THE DETECTION AND PREDICTION OF MID-AIR
CONFLICTS.#
GENERAL DISTRIBUTION
MAR 1963, 27 P, ILLUS
DETECTION
MATHEMATICAL PREDICTION
COLLISION AVOIDANCE
SEPARATION
MATHEMATICAL MODELS
RADAR
AIR TRAFFIC CONTROLLERS
AVIATION SAFETY

68 00622 NAT U
09-B
MCCONNELLY, B. D.
BENZIN, R. J.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
POLYBENZOTHIADIAZOLE AS A BINDER FOR SOLID
FILM LUBRICANTS.#
GENERAL DISTRIBUTION
JAN 1968, 28 P, ILLUS. TABLES, 7 REFS
AFML-TK-67-350
AD-828 190L
LUBRICANTS
ORGANIC COMPOUNDS
TEST METHODS
LIFE EXPECTANCY
TEMPERATURE
LOADING /MECHANICS/
PLASTICS
RUBBER
PBI /POLYBENZOTHIADIAZOLE/

68 00623 NAT U
09-B
CUELLAR, J. P.
KUL, P. M.
SOUTHWEST RESEARCH INST., SAN ANTONIO.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
DEVELOPMENT OF A MICRO LUBRICANT DEPOSIT
TEST.#
NO FOREIGN
JAN 1968, 40 P, ILLUS. TABLES, 6 REFS
533-615-67-C-1275
AFML-TR-67-438
AD-828 256L
DESIGN
LUBRICANTS
DETECTION
TEST EQUIPMENT
DECOMPOSITION
MICROFILM LUBRICANT

68 00624 NAT U
 08-B
 ARMY, WASHINGTON, D. C.
 A BIBLIOGRAPHIC SURVEY.#
 GENERAL DISTRIBUTION
 DEC 1967, 124 P, ILLUS
 DA-PAM-500-3
 BIBLIOGRAPHIES
 CIVIL DEFENSE SYSTEMS
 NUCLEAR EXPLOSIONS
 NUCLEAR WARFARE
 RADIATION EFFECTS
 PUBLIC OPINION
 TRANSCENTRIC
 SURVIVAL
 DESIGN
 SHELTERS
 RESEARCH PROGRAM ADMINISTRATION
 UNITED STATES GOVERNMENT
 WARNING SYSTEMS
 FOREIGN

68 00625 NAT U
 09-A
 JONES, G. W.
 WASHINGTON, D. C.
 SMITH, G. S.
 FURNI, A. L.
 DEPARTMENT OF THE INTERIOR, WASHINGTON, D. C.
 WEIGHT AIR DEVELOPMENT CENTER,
 WRIGHT-PATTERSON AFB, OHIO.
 RESEARCH ON THE FLAMMABILITY CHARACTERISTIC
 OF AIRCRAFT FUELS.#
 GENERAL DISTRIBUTION
 FEB 1968, 21 P, ILLUS, TABLES
 NAUGHTON-52-345-SUPPLE-3
 1-63 286
 IGNITION FUELS
 FLAMMABILITY
 PROPAGATION
 IGNITION
 TEMPERATURE
 FUEL OIL
 HYDROCARBONS
 THEORY

68 00626 NAT U
 08-D
 DODG, V. Y.
 KERR, D. R.
 INTERNATIONAL BUSINESS MACHINES CORP.,
 CAMBRIDGE, MASS.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
 WASHINGTON, D. C.
 INVESTIGATION OF REFRACTORY DIELECTRICS
 FOR INTEGRATED CIRCUITS.#
 GENERAL DISTRIBUTION
 MAR 1968, 74 P, ILLUS, TABLES, 21 REFS
 NASA-CP-688
 NASA-19849
 INTEGRATED CIRCUITS
 REFRACTORY MATERIALS
 DIELECTRIC FILMS
 THERMAL INSULATION
 SILICON COMPOUNDS
 NITRIDES
 DESIGN
 SEMICONDUCTOR DEVICES

68 00627 NAT U
 02-J
 SNYDER, C. T.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
 AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
 ANALOG STUDY OF THE LONGITUDINAL RESPONSE
 OF A SWEEP-WING TRANSPORT AIRPLANE TO WIND
 SHEAR AND SUSTAINED GUSTS DURING LANDING
 APPROACH.#
 GENERAL DISTRIBUTION
 APR 1968, 16 P, ILLUS
 NASA-TN-D-4477
 N68-19180
 LANDING
 DESCENT
 JET TRANSPORT PLANES
 SWEEP-WINGS
 WIND
 GUSTS
 SHEAR STRESSES
 PITCH /MOTION/
 ALTITUDE
 ANALOG COMPUTERS
 MEASUREMENT
 CONVECTION

68 00628 NAT U
 02-J
 DICARLO, D. J.
 KELLY, J. R.
 SUMMER, R. W.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
 LANGLEY RESEARCH CENTER, LANGLEY STATION,
 HAMPTON, VA.
 FLIGHT INVESTIGATION TO DETERMINE THE EFFECT
 OF LONGITUDINAL CHARACTERISTICS ON LOW-SPEED
 INSTRUMENT OPERATION.#
 GENERAL DISTRIBUTION
 MAR 1968, 20 P, ILLUS, TABLES, 8 REFS
 NASA-TN-D-4364
 N68-19184
 FLIGHT TESTING
 INSTRUMENT FLIGHT
 HELICOPTERS
 HANDLING
 SIMULATION
 ANGLE OF ATTACK
 FLIGHT SPEEDS
 PITCH /MOTION/
 DAMPING
 STABILITY

68 00629 NAT U
 01-D
 WEIBERG, J. A.
 GAMSE, B.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
 AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
 LARGE-SCALE WIND-TUNNEL TESTS OF AN AIRPLAN
 MODEL WITH TOW PROPELLERS AND ROTATING CYLINDER
 FLAPS.#
 GENERAL DISTRIBUTION
 MAR 1968, 47 P, ILLUS, TABLES
 NASA-TN-D-4489
 N68-19189
 WIND TUNNELS
 AIRPLANE MODELS
 FLAPS
 TURBOPROPELLER JET ENGINES
 ROTATION
 LIFT
 DEFLECTION
 SLIPSTREAM
 VELOCITY

68 00630 NAT U
13-C
NEW YORK. TRI-STATE TRANSPORTATION COMMISSION.
SUBURBAN SERVICE ADJUSTMENT EXPERIMENT.# A
SUMMARY.
GENERAL DISTRIBUTION
NOV 1967, 8 P, ILLUS
TRANSPORTATION
URBAN AREAS
SCHEDULING
RAILROADS
PASSENGER VEHICLES
COMMUTER TRAVEL
NEW YORK CENTRAL RAILROAD, MARLEN DIVISION
PARKING FACILITIES

68 00631 R NAT U
05-E
MOHLER, S. R., M. D.
HILLE, J. R., M. D.
GIBBONS, M. L., M. D.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
THE TIME ZONE AND CIRCADIAN RHYTHMS IN
RELATION TO AIRCRAFT OCCUPANTS TAKING
LONG-DISTANCE FLIGHTS.#
GENERAL DISTRIBUTION
OCT 1967, 9 P, 18 REFS
TIME
PHYSIOLOGY
TRANSOCEANIC
AIR TRANSPORTATION
PASSENGERS
DIURNAL VARIATIONS
BODY TEMPERATURE
HEART
ADRENAL GLANDS
BLOOD CELLS
FLUID MECHANICS
AIR TRANSPORTATION
AVIATION MEDICINE
FEDERAL AVIATION ADMINISTRATION
CIRCADIAN RHYTHMS

68 00632 NAT U
02-D
SMITH, E. B.
BENZAKEN, M. J.
MADECKI, K. P.
GENERAL ELECTRIC CO., EVENDALE, OHIO.
STUDY AND TESTS TO REDUCE COMPRESSOR SOUNDS
OF JET AIRCRAFT.# TECHNICAL REPORT.
GENERAL DISTRIBUTION
JAN 1968, 500 P, ILLUS, TABLES, 124 REFS
FA65-WA-1236
COMPRESSORS
REDUCTION
INLET GUIDE VANES
ACOUSTICAL INSULATION
DUCT INLETS
JET ENGINE NOISE
MEASUREMENT
ABSORPTION
FANS
MATERIALS
PROPAGATION
EXHAUST SYSTEMS
DUETS

68 00633 NAT U
05-E
SZEGEL, P. V., M. D.
MOHLER, S. R., M. D.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
TIME ZONE EFFECTS.#
GENERAL DISTRIBUTION
DEC 1967, 7 P, 15 REFS
TIME
TRANSOCEANIC
AIR TRANSPORTATION
PASSENGERS
PHYSIOLOGY
SLEEP
FLUID MECHANICS
BODY TEMPERATURE
HEART
ADRENAL GLANDS
BLOOD CELLS
SCHEDULING
CIRCADIAN RHYTHMS

68 00634 NAT U
02-E
DOEFSCHE, I. K. H., PROF. DR.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE TIME-VECTOR METHOD FOR LATERAL STABILITY
INVESTIGATIONS.#
NO FOREIGN
AUG 1967, 42 P, ILLUS, TABLES, 25 REFS
RAE-TR-67200
AD-828 502
VECTOR ANALYSIS
EQUATIONS
MOTION
DIGITAL COMPUTERS
ROLL
YAW
FLIGHT CONTROL SYSTEMS
AUTOMATIC
STABILITY

68 00635 NAT U
10-G
JONES, J. G.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE SPEED RESPONSE OF AN AIRCRAFT CONSTRAIN
TO FLY ALONG A STRAIGHT PATH IN THE PRESENCE O
TURBULENCE AT LOW ALTITUDE.#
NO FOREIGN
SEP 1967, 32 P, ILLUS
RAE-TR-67242
AD-827 005
AIRSPEED
RESPONSE
FLIGHT PATH
TURBULENCE
LOW ALTITUDE
EQUATIONS
MOTION
SIMULATION
TIME-REPLY

68 00636
12-B
FREEMAN, D. C., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.

NAT U

LOW-SUBSONIC FLIGHT AND FORCE INVESTIGATION
OF A SUPERSONIC TRANSPORT MODEL WITH A DOUBLE-
DELTA WING.
GENERAL DISTRIBUTION
MAR 1968, 45 P, ILLUS, 12 REFS
NASA-TN-D-4179
N68-18250
SUBSONIC FLIGHT
SUPersonic TRANSPORTS
AIRPLANE MODELS
DELTA WINGS
AERODYNAMIC FORCES
ROLL
WIND TUNNELS
STABILITY
FLIGHT CONTROL SYSTEMS
ANGLE OF ATTACK

68 00637

NAT U

06-G
JONES, J. F.
SWIFT, G. T.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.

THE APERTURE ADMITTANCE OF A GROUND-PLANE-
MOUNTED WAVEGUIDE ILLUMINATING A PERFECTLY
CONDUCTING SHEET.
GENERAL DISTRIBUTION
MAR 1968, 49 P, ILLUS, 20 REFS
NASA-TN-D-4366
N68-18123
ILLUMINATION
CIRCUITS
ANTENNAS
REFLECTION
ADMITTANCE
WAVEGUIDES
DESIGN
INTEGRAL TRANSFORMS

68 00638

NAT U

07-G
BERGERON, H. P.
ADAMS, J. J.
PORT, G. J., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.

ANALYSIS OF HUMAN RESPONSE TO COMBINED
CONTROL TASKS.
GENERAL DISTRIBUTION
MAR 1968, 51 P, ILLUS, TABLE, 4 REFS
NASA-TN-D-4356
N68-18016
HUMAN ENGINEERING
REACTION PSYCHOLOGY
SIMULATION
CONTROL
JOB ANALYSIS
PILOTS
OVERVIEW
TRANSITION FLIGHT
PSYCHOMOTOR TESTS
FAILURE MECHANICS
MOTOR REACTIONS

68 00639

NAT U

09-G
PRIDE, R. A.
ROYSTER, D. M.
STEIN, B. A.
GARDNER, J. E.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.

EFFECTS OF LONGTIME ENVIRONMENTAL
EXPOSURE ON MECHANICAL PROPERTIES OF SHEET
MATERIALS FOR A SUPERSONIC TRANSPORT.
GENERAL DISTRIBUTION
MAR 1968, 23 P, ILLUS, 8 REFS
NASA-TN-D-4318
N68-17897
ENVIRONMENTAL TESTS
EXPOSURE
MECHANICAL PROPERTIES
STRUCTURAL PARTS
SUPersonic TRANSPORTS
MATERIALS
TITANIUM ALLOYS
STAINLESS STEEL
ALUMINUM ALLOYS

68 00640

NAT U

12-G
HOWELL, G. S.
NATIONAL ACADEMY OF SCIENCES, WASHINGTON,
D. C.

REPORT ON GENERATION AND PROPAGATION OF
SONIC BOOM.
GENERAL DISTRIBUTION
OCT 1967, 8 P
SONIC BOOM
PROPAGATION
SHOCK WAVES
AIRFRAMES
RESPONSE
PSYCHOACOUSTICS
OVERFLIGHT
PRESSURE
NOISE ABATEMENT

68 00641

NAT U

01-B
FRALICH, R. W.
MCELMAN, J. A.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.

FLUTTER OF BUCKLED, SIMPLY SUPPORTED,
RECTANGULAR PANELS AT SUPERSONIC SPEEDS.
GENERAL DISTRIBUTION
MAR 1968, 14 P, ILLUS, 10 REFS
NASA-TN-D-4357
N68-17651
FLUTTER
BUCKLING MECHANICS
AIRPLANE PANELS
SUPersonic FLIGHT
DEFLECTION
THEORY
DIFFERENTIAL EQUATIONS
FLUID DYNAMIC PROPERTIES
ANALYSIS
VON KARMAN THEORY

68 00642 NAT U
11
MINICK, A. B.
FEDERAL AVIATION AGENCY, WASHINGTON, D. C.
AN FAA VIEW OF SST NAVIGATION SYSTEM
REQUIREMENTS.# PRESENTED AT THE 20TH ANNUAL
NATIONAL MEETING OF THE INSTITUTE OF NAVIGATION
15-17 JUNE 1964, NEW YORK.#
GENERAL DISTRIBUTION
JUN 1964, 9 P
SUPERSONIC TRANSPORTS
NAVIGATIONAL AIDS
STANDARDS
FEDERAL AVIATION ADMINISTRATION
INERTIAL NAVIGATION
AUTOMATION
AIR TRAFFIC CONTROL SYSTEMS
AIRBORNE

68 00643 NAT U
01-G
PAYEN, D. H.
GUYETT, P. R.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE SUBCRITICAL RESPONSE AND FLUTTER
OF A SLENDER WING MODEL AIRCRAFT.#
ODD ONLY
SEP 1967, 26 P, ILLUS, 9 REFS
RAF-TR-67225
AD-827 642
FLUTTER
RESPONSE
SLENDER WINGS
SUPERSONIC TRANSPORTS
WIND TUNNELS
AEROELASTICITY
RESONANCE
DAMPING
DEFORMATION
AIRPLANE MODELS
MEASUREMENT

68 00644 NAT U
13-A
LOWRY, I. S.
RAND CORP., SANTA MONICA, CALIF.
METROPOLITAN POPULATIONS TO 1985 -
TRIAL PROJECTIONS.#
GENERAL DISTRIBUTION
SEP 1964, 79 P, ILLUS, TABLES
RM-4125-RC
AD-605 247
TRANSPORTATION
URBAN AREAS
MORTALITY
POPULATION
MATHEMATICAL PREDICTION
GROWTH
AGING /PHYSIOLOGY/
1985
FERTILITY
RACIAL DISTRIBUTION

68 00645 NAT U
13-A
HOLEY, J. M.
CALIFORNIA UNIV., BERKELEY.
AN INVESTMENT POLICY TO REDUCE THE TRAVEL
TIME IN A TRANSPORTATION NETWORK.#
GENERAL DISTRIBUTION
DEC 1965, 60 P, ILLUS, 22 REFS
NORR-2221811
ARC-65-34
AD-627 297
TRANSPORTATION
SYSTEMS ENGINEERING
DESIGN
COSTS
MATHEMATICAL ANALYSIS
THEORY
TRAFFIC
TRAVEL TIME
TRAVEL ACCOMMODATIONS
ROUTES
INVESTMENTS

68 00646 NAT U
13-C
ROSS, H. R.
STANFORD RESEARCH INST., MENLO PARK, CALIF.
U. S. PASSENGER TRANSPORTATION - AN
INVENTORY OF RESOURCES AND AN ANALYSIS OF
CAPABILITIES OF SURFACE MODELS.#
GENERAL DISTRIBUTION
MAR 1967, 76 P, ILLUS, TABLES
ODD-OS-64-201
AD-655 567
TRANSPORTATION
ANALYSIS
ROADS
PASSENGER VEHICLES
RAILROADS
NUCLEAR EXPLOSION DAMAGE
VOLUME
URBAN AREAS
PASSENGERS
CAPABILITIES
DOMESTIC TRAVEL
SURFACE TRANSPORTATION

68 00647 NAT U
04-E
DRISKO, R. W., PHD.
NAVAL CIVIL ENGINEERING LAB.,
PORT HUENEME, CALIF.
AIRFIELD MARKING PAINTS-IV. EFFECT OF PAINT
FLEXIBILITY ON SLURRY-SEALED ASPHALT.#
GENERAL DISTRIBUTION
DEC 1967, ILLUS, TABLES
NCEL-4556
AD-663 562
PAINTS
SEALING COMPOUNDS
DATA
ASPHALT
PLASTICIZERS
STATISTICAL ANALYSIS
ENVIRONMENTAL TESTS
RUNWAYS
ELASTICITY
DECOMPOSITION
TEST METHODS
SLURRY SEALS
MARKERS /PAINTS/

68 00648 NAT U
 08-F
 LOGISTICS MANAGEMENT INST., WASHINGTON, D. C.
 DOD SYSTEMS AND EQUIPMENT INTEGRATED
 LOGISTICS SUPPORT PLANNING GUIDE.#
 GENERAL DISTRIBUTION
 DEC 1967, 153 P, ILLUS
 AD-663 456
 LOGISTICS
 DESIGN
 SYSTEMS ENGINEERING
 MAINTAINABILITY
 RELIABILITY
 TRANSPORTATION
 HANDLING
 DATA
 PERSONNEL MANAGEMENT
 ECONOMICS
 MANAGEMENT ENGINEERING
 DEPARTMENT OF DEFENSE
 DOD SYSTEMS AND EQUIPMENT
 LOGISTICS SUPPORT PLANNING GUIDE
 FUNDING

68 00649 NAT U
 07-E
 MALONE, T. B.
 MATHEX CORP., ALEXANDER, VA.
 HUMAN FACTORS TECHNIQUES EMPLOYED IN
 DERIVING PERSONNEL REQUIREMENTS IN WEAPON
 SYSTEM DEVELOPMENT.#
 GENERAL DISTRIBUTION
 OCT 1967, 94 P, ILLUS, 210 REFS
 PRN-66-3
 AD-663 585
 MAN-MACHINE SYSTEMS
 HUMAN ENGINEERING
 TECHNIQUES
 WEAPON SYSTEMS
 SYSTEMS ENGINEERING
 JOB ANALYSIS
 DESIGN
 NAVAL PERSONNEL

68 00650 NAT U
 08-C
 CHANNES, A.
 NORTHWESTERN UNIV., EVANSTON, ILL.
 CHANGE CONSTRAINED MODELS FOR TRANSPORT
 PRICING AND SCHEDULING UNDER COMPETITION.#
 GENERAL DISTRIBUTION
 SEP 1967, 32 P, 27 REFS
 NAF-PROJ-GP-7550
 NUM-66M-183
 AD-663 876
 COSTS
 SCHEDULING
 STOCHASTIC PROCESSES
 RAILROADS
 GAME THEORY
 MANAGEMENT ENGINEERING
 MATHEMATICAL MODELS
 TRANSPORTATION
 CHANCE CONSTRAINED MODELS

68 00651 NAT U
 13-A
 MOHL, J.
 RAND CORP., SANTA MONICA, CALIF.
 NOTES ON TRANSIENT QUEUEING BEHAVIOR
 CAPACITY RESTRAINT FUNCTIONS AND THEIR
 RELATIONSHIP TO TRAVEL FORECASTING.#
 GENERAL DISTRIBUTION
 DEC 1967, 22 P, ILLUS
 RC-P-3700
 AD-663 736
 QUEUEING THEORY
 TIME
 DELAY
 VOLUME
 TRAFFIC
 LINEAR PROGRAMMING
 MATHEMATICAL PREDICTION
 TRANSIENT
 CAPACITY RESTRAINT FUNCTIONS
 TRAVEL

68 00652 NAT U
 09-D
 AEROSPACE INDUSTRIES ASSOC., WASHINGTON, D. C.
 EVALUATION OF ALUMINUM ALLOY 7001-T75.#
 GENERAL DISTRIBUTION
 DEC 1966, 200 P, ILLUS, TABLES
 ATC-TR-101
 AD-650 948
 ALUMINUM ALLOYS
 FORGING
 DATA
 TENSILE PROPERTIES
 AGING / MATERIALS /
 STRESSES
 CORROSION
 FRACTURE / MECHANICS /
 TEST METHODS
 COMPRESSIBILITY
 FATIGUE / MECHANICS /
 CHEMICAL ANALYSIS
 SHEAR STRESS
 7001-T75 ALUMINUM ALLOY

68 00653 NAT U
 08-C
 SCARFILL, A.
 TOBIN, R.
 DAGEN, M.
 IRBY, R.
 ARINC RESEARCH CORP., WASHINGTON, D. C.
 DEVELOPMENT AND APPLICATION OF COST
 EFFECTIVENESS EVALUATION PROCEDURES TO
 SHIPBOARD ELECTRONIC EQUIPMENT AND SYSTEMS.#
 GENERAL DISTRIBUTION
 OCT 1965, 100 P, ILLUS
 NUBSN-93276
 COSTS
 EFFECTIVENESS
 MAINTAINABILITY
 RELIABILITY
 ABUNDANCE
 MATHEMATICAL MODELS
 DATA
 ELECTRONIC EQUIPMENT
 RECORDING SYSTEMS
 SHIPBORNE

68 00654 NAT U
01-D
WILSON, G. P.
WILSON, THRG AND ASSOCIATES, INC., BERKELEY.
AERIAL STRUCTURE NOISE AND VIBRATION
MEASUREMENTS.#
GENERAL DISTRIBUTION
OCT 1966, 24 P, TABLES
PB-173 858
VIBRATORS /MECHANICAL/
ACOUSTIC DETECTORS
RAILROADS
MEASUREMENT
NOISE
TEST FACILITIES
AERIAL STRUCTURE SECTION
SAN FRANCISCO BAY AREA
RAIL FASTENERS

68 00655 NAT U
10-C
CHRISTOPHERSON, J. A.
SAN JOSE STATE COLLEGE,
SAN JOSE, CALIF. DEPT. OF COMMERCE.
AVIATION TERMINAL WEATHER FORECAST
STUDY.#
GENERAL DISTRIBUTION
AUG 1966, 71 P, ILLUS, 26 REFS
PB-173 667
WEATHER FORECASTING
MATHEMATICAL LOGIC
METEOROLOGICAL PARAMETERS
MATHEMATICAL ANALYSIS
AIRPORTS
SEATTLE-TACOMA INTERNATIONAL
SAN FRANCISCO INTERNATIONAL
LOS ANGELES INTERNATIONAL
ADGLEAN LOGIC

68 00656 NAT U
13-H
RINSSELAER POLYTECHNIC INST., TROY, N. Y.
PROJECT TUBEFLIGHT.# PHASE 1. FEASIBILITY
STUDY.
GENERAL DISTRIBUTION
SEP 1966, 80 P, ILLUS
PB-174 085
FEASIBILITY STUDIES
TRANSPORTATION
VEHICLES
ELECTRIC PROPULSION
HIGH FREQUENCY
POWER
PROPELLERS /AERIAL/
AERODYNAMIC CHARACTERISTICS
ROLL
STABILITY
CONTROL
TEST FACILITIES
PROJECT TUBEFLIGHT
TUBE GUIDED VEHICLE
HIGH SPEED GROUND TRANSPORTATION

68 00657 NAT U
13-C
JENSEN /ROY/ AND ASSOCIATES, BETHESDA, MD.
EVALUATION OF CRITERIA FOR SAFETY
IMPROVEMENTS ON THE HIGHWAY.#
GENERAL DISTRIBUTION
1966, 227 P, ILLUS, TABLES, 83 REFS
PA-173 822
SAFETY
ROADS
HAZARDS
COSTS
ACCIDENTS
RECORDS
ANALYSIS
DATA
STANDARDS
URBAN AREAS
MATHEMATICAL PREDICTION

68 00658 NAT U
13-C
EDWARDS, J. H.
KANSAS STATE UNIV. UNIVERSITY PARK
FOG PREDICTION USING CONDENSATION, SURFACE
AND POTENTIAL GRADIENTS.
GENERAL DISTRIBUTION
JUL 1966, 69 P, ILLUS, 10 REFS
PB-173 549
FOG
NUCLEATION
ELECTRIC POTENTIAL
METEOROLOGICAL INSTRUMENTS
ANALYSIS
ENVIRONMENTAL TESTS
METEOROLOGICAL PREDICTION
INDEX
AIRPORTS
METEOROLOGICAL INSTRUMENTS
METEOROLOGICAL
METEOROLOGICAL
METEOROLOGICAL

68 00659 NAT U
13-C
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
TRANSPORTATION MEASURES IN EMERGENCIES.
GENERAL DISTRIBUTION
NOV 1966, 71 P, ILLUS
PB-173 549
TRANSPORTATION
EMERGENCY PROCEDURES
CIVIL DEFENSE SYSTEMS
ANALYSIS
AIRCRAFT
FLIGHTS
VEHICLES
TRAFFIC
CONTROL
DESIGN
COORDINATION
REGULATORY AGENCIES

68 00660 NAT U
06-F
COLLINS, G. G., JR.
INFORMATICS, INC., BETHESDA, MD.
A STUDY OF THE REMOTE USE OF COMPUTERS.#
GENERAL DISTRIBUTION
SEP 1966, 54 P, ILLUS
TR-66-679-1
PB-175 666
REMOTE CONTROL SYSTEMS
RESPONSE
DESIGN
INFORMATION RETRIEVAL
DATA PROCESSING SYSTEMS
INPUT-OUTPUT DEVICES
SURVEY

68 00661 NAT U
13-C
GOOSE, S. W., JR.
MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
AERODYNAMIC DRAG ON VEHICLES IN
GUIDEWAYS.#
GENERAL DISTRIBUTION
DEC 1966, 26 P, ILLUS, 19 REFS
G-85-65
DSR 76108 1
PB 173 666
AERODYNAMIC FORCES
DRAG
VEHICLES
EXPERIMENTAL DATA
LAMINAR FLOW
TURBULENCE
MATHEMATICAL MODELS
MODELS /SIMULATION/
MODEL TESTS
CYLINDRICAL MODELS
HIGH SPEED GROUND TRANSPORT SYSTEMS
ENCLOSED GUIDEWAYS

68 00662 NAT U
13-C
CELESTIAL RESEARCH CORP., SOUTH PASADENA,
CALIF.
A FEASIBILITY STUDY OF THE CRYOPUMPED TUBE
TRAIN CONCEPT.#
GENERAL DISTRIBUTION
OCT 1966, 116 P, ILLUS, TABLES, 9 REFS
C-279-66/NEG/
CELESCO-R388-101
PB-173 982
FEASIBILITY STUDIES
AERODYNAMIC FORCES
DRAG
GAS FLOW
THERMODYNAMICS
PROPUSSION
MOTION
SYSTEMS ENGINEERING
TRANSPORTATION
RAILROADS
FLUID DYNAMIC PROPERTIES
CRYOPUMPED TUBE TRAIN
HIGH SPEED GROUND TRANSPORTATION
GAS DYNAMICS

68 00663 NAT U
10-G
BURNS, A.
HARRIS, T. W.
BURNHAM, J.
SPAVINS, C. S.
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
TURBULENCE IN CLEAR AIR NEAR
THUNDERSTORMS.#
GENERAL DISTRIBUTION
DEC 1966, 20 P, ILLUS, TABLE, 4 REFS
PB-173 942
CLEAR AIR TURBULENCE
THUNDERSTORMS
METEOROLOGICAL RADAR
DATA
AIRSPEED
GUSTS
TEMPERATURE
GAS FLOW
PILOTS
METEOROLOGICAL INSTRUMENTS
RESEARCH PLANES
HIGH-ALTITUDE
PHOTOGRAPHY
RESPONSE
FLIGHT CONTROL SYSTEMS
ATMOSPHERIC MOTION
CANNONRA PR 779 AIRCRAFT
OKLAHOMA

68 00664 NAT U
08-D
CALTON, G.
CORNELL UNIV., ITHACA, N. Y.
INFORMATION STORAGE AND RETRIEVAL.#
GENERAL DISTRIBUTION
JUN 1967, 150 P, ILLUS, TABLES, 7 REFS
SR-15R-12
PB-176 516
INFORMATION RETRIEVAL
COMPUTERS
SYSTEMS ENGINEERING
PERIODICALS
STATISTICAL TESTS
INDEXES
STATISTICAL ANALYSIS
OPTIMIZATION
EFFECTIVENESS
DEFERENCES
AUTOMATION
REFERENCE
PICTUREGRAPHY
DATA STORAGE SYSTEMS
DOCUMENTATION
PR 1001 MARK
ANALYSIS AND RELEVANCE STUDIES

68 00665 NAT U
06-F
COLLINS, G. O., JR.
INFORMATICS, INC., BETHESDA, MD.
A STUDY OF THE REMOTE USE OF COMPUTERS.#
GENERAL DISTRIBUTION
DEC 1966, 125 P, ILLUS
PB-179 665
REMOTE CONTROL SYSTEMS
COMPUTERS
ANALYSIS
COMPUTER STORAGE DEVICES
INPUT-OUTPUT DEVICES
OPERATION
CONFIGURATION
REACTION /PSYCHOLOGY/
SDS 440 TIME-SHARING SYSTEM
GEI DARTMOUTH BASIC SYSTEM
IBM ADMINISTRATIVE TERMINAL SYSTEM
COMPUTER GRAPHIC SYSTEM /GENERAL MOTORS/

68 00666 NAT U
08-D
RIMMERT, L. M.
CFIR, INC., WASHINGTON, D. C.
RETRIEVAL OF TECHNICAL DOCUMENTS.#
FINAL SCIENTIFIC REPORT.
GENERAL DISTRIBUTION
NOV 1967, 225 P, ILLUS
AFDOR-68-0244
AD-664 596
DOCUMENTATION
REPORTS
SYSTEMS ENGINEERING
LIBRARIES
MICROFILM
DATA PROCESSING SYSTEMS
DESIGN
INFORMATION RETRIEVAL

68 00667 NAT U
07-F
SNYDER, C. T.
JACKSON, C. T., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
A PILOTTED SIMULATOR STUDY OF TAKEOFF
PERFORMANCE AND HANDLING QUALITIES OF A
DOUBLE-DELTA SUPERSONIC TRANSPORT.#
GENERAL DISTRIBUTION
FEB 1968, 46 P, ILLUS, TABLES, 24 REFS
NASA-TN-D-4396
N68-17391
FLIGHT SIMULATORS
TAKE-OFF
HANDLING
SUPERSONIC TRANSPORTS
LICENSING
ROLL
ROTATION
GROUND SPEED
AIRSPEED
CONTROL
PITCH /ROLL/
DELTA WINGS
TRANSITION FLIGHT
CLIMBING
AIRWORTHINESS
STANDARDS

68 00668 NAT U
12-B
SAGOMONYAN, A. V.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
IMPACT OF A SUPERSONIC JET ON A SURFACE.
GENERAL DISTRIBUTION
JUL 1967, 9 P, ILLUS
FTD-MT-73-924-67
AD-662 851
IMPACT SHOCK
SUPERSONIC FLOW
JETS
SHOCK WAVES
VELOCITY
ANALYSIS
PRESSURE
DENSITY
MATHEMATICAL MODELS
SURFACE PROPERTIES
FLUID FLOW
GAS DYNAMIC
PARAMETERS

68 00669 NAT U
13-C
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
DESIGN, USE AND REPAIR OF RAILROAD CARS.
/SELECTED ARTICLES/
GENERAL DISTRIBUTION
JUN 1967, 34 P, ILLUS
FTD-MT-66-38
AD-663 346
DESIGN
MAINTENANCE
RAILROADS
FRICTION
METAL FILMS
LOW-TEMPERATURE RESEARCH
MECHANICAL PROPERTIES
CHEMICAL REACTIONS
MOLECULAR PROPERTIES
INTERACTION
GRIPPING

68 00670 NAT U
05-A
CANTRELL, G. K.
HARTMAN, B. O., PHD.
AEROSPACE MEDICAL DIV. DEPUTY FOR RESEARCH AND
DEVELOPMENT, BROOKS AFB, TEX.
APPLICATION OF TIME AND WORKLOAD ANALYSIS
TECHNIQUES TO TRANSPORT FLYERS.
GENERAL DISTRIBUTION
AUG 1967, 20 P, TABLES, 6 REFS
SAM-TR-67-71
AD-662 011
ANALYSIS
DATA
ABUNDANCE
FATIGUE /PHYSIOLOGY/
ADJUSTMENT /PSYCHOLOGY/
FLIGHT CREWS
JOB ANALYSIS
AVIATION MEDICINE
MAC /MILITARY AIRLIFT COMMAND/
FRUSTRATIONS

68 00671 NAT U
04-D
RUMSHAW, R. F.
REIL, K. F.
CANNESIE INST. OF TECH., PITTSBURGH.
WRIGHT AIR DEVELOPMENT CENTER,
WRIGHT-PATTERSON AFB, OHIO.
EFFECTS OF CLEAVAGE AND DEFORMATION TWINNING
IN METALS.
GENERAL DISTRIBUTION
SEP 1954, 13 P, ILLUS, TABLES
WADC-TR-54-332
AD-12 284
DEFORMATION
METALLIC CRYSTALS
FRACTURE /MECHANICS/
VELOCITY
TECHNIQUES
TEST EQUIPMENT
SMALL TUBES
THERMOGRAVIMETRY
MECHANICAL WAVES
PROPAGATION
DATA
HARDENING
RATES
CLEAVAGE
TWINNING
FAST AMPLIFIER

68 00672 NAT U
01-G
KEATING, R. F. A.
ST. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
MEASUREMENT OF PRESSURES ON A DELTA
WING OSCILLATING IN HEAVE AT A HIGH ANGLE OF
INCIDENCE.
GENERAL DISTRIBUTION
OCT 1967, 9 P, ILLUS, TABLE, 4 REFS
RAE-TR-67241
AD-665 097
MEASUREMENT
PRESSURE
DELTA WINGS
OSCILLATION
LEADING EDGE
VORTICES
PHASE MEASUREMENT
ANALYSIS
FLUID FLOW
DELAY
HEAVE
ANGLE OF INCIDENCE
PHASE LAG

68 00673 NAT U
02-E
SMITH, R. E.
LUM, E. L.
YAMAMOTO, T. O.
NORTH AMERICAN AVIATION, INC., LOS ANGELES.
APPLICATION OF LINEAR OPTIMAL THEORY TO
CONTROL OF FLEXIBLE AIRCRAFT RIGID QUALITIES.
NO FOREIGN
JAN 1968, 143 P, ILLUS, TABLES, 26 REFS
AFFDL-TR-67-136
AD-627 936
LINEAR SYSTEMS
OPTIMIZATION
CONTROL
AIRCRAFT
ELASTICITY
GUST LOADS
DESIGN
CANARD CONFIGURATION
ELEVATORS
STABILIZATION
DIGITAL COMPUTERS
THEORY
AUGMENTATION SYSTEMS /FLIGHT CONTROL SYSTEMS/

68 00674 NAT U
06-K
LOVELL, J.
GOLD, B.
AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y.
PRECISION VOR.# VOLUME II.
PVOR DIGITAL SIGNAL GENERATOR HANDBOOK.
GENERAL DISTRIBUTION
AUG 1967, 40 P, ILLUS
FARSWA-1058
SRDS-PD-67-58, II
AD-666 576
VOR /VHF OMNIDIRECTIONAL RADIO RANGE/
HANDBOOKS
SIGNAL GENERATORS
DIGITAL SYSTEMS
SOUND SIGNALS
PVOR /PRECISION VOR/

68 00675 NAT U
07-E
NATHAN /ROBERT R./ ASSOCIATES, INC.,
WASHINGTON, D. C.
THE JOB MARKET FOR PILOTS AND MECHANICS.#
MID-1967.
GENERAL DISTRIBUTION
AUG 1967, 26 P, ILLUS, TABLES
PERSONNEL MANAGEMENT
PILOTS
MAINTENANCE PERSONNEL
DATA
ANALYSIS
AVIATION PERSONNEL
LICENSING
SPECIFICATIONS
TRAINING
WAGES
DISTRIBUTION
VOLUME
LABOR
URBAN AREAS
AIR CARRIERS
CIVILIANS
REGIONS

68 00676 NAT U
02-E
KRELL, J. J. JR.
CORNELL AERONAUTICAL LAB., INC., BUFFALO.
INITIAL VTOL FLIGHT CONTROL DESIGN CRITERIA
DEVELOPMENT-DISCUSSION OF SELECTED HANDLING
QUALITIES TOPICS-FIRST YEARLY REPORT.#
NO FOREIGN
FEB 1968, 54 P, ILLUS, TABLES, 32 REFS
AF 116151-3746
AFFDL-TR-67-151
CAL-P-HR-2249-F-1
AD-725 471
VERTICAL TAKE-OFF PLANES
FLIGHT CONTROL SYSTEMS
DESIGN
HANDLING
ANALYSIS
MODELS /SIMULATIONS/
PILOTS
MANEUVERABILITY
TABULIZATION
ITEM
TRANSITION FLIGHT
GROUND EFFECT
STANDARDS

68 00677 NAT U
09-C
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
EMERGING AEROSPACE MATERIALS.#
GENERAL DISTRIBUTION
APR 1965, 109 P, ILLUS, TABLES
AFML-TR-65-114
AD-463 384
REFRACTORY MATERIALS
AIR FORCE RESEARCH
SEALS /STOPPERS/
SEALING COMPOUNDS
COATINGS
FINISHES AND FINISHING
FIBERS
PLASTICS
ADHESIVES
ARLATION
GRAPHITE
FLUIDS
LUBRICANTS
HEAT-RESISTANT METALS & ALLOYS
AEROSPACE RESEARCH
FILAMENTS

68 00678 NAT U
06-J
GERBES, M. W.
NAUMANN, S. J.
AIR FORCE CAMBRIDGE RESEARCH LABS., L. G.
HANSCOM FIELD, BEDFORD, MASS.
RADAR RETURN FROM TARGETS HIDDEN BY
GROUND CLUTTER.#
NO FOREIGN
DEC 1967, 39 P, ILLUS, TABLES, 3 REFS
AFCL-67-0668
AD-827 486
RADAR CLUTTER
RADAR TARGET POSITION SIMULATORS
DIELECTRIC PROPERTIES
CONDUCTIVITY
MATHEMATICAL MODELS
PARTIAL DIFFERENTIAL EQUATIONS
JUNGLES
FREQUENCY
RESONANCE
REFLECTION
METAL TARGETS
AMPLITUDE RATIO
HEIGHT
DIELECTRIC CONSTANT

68 00679 R NAT U
03-A
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
AIR TRAFFIC PATTERNS FOR IFR AND VFR
AVIATION.
GENERAL DISTRIBUTION
1967, 159 P, ILLUS, TABLES
AD-667 734
AIR TRAFFIC CONTROL SYSTEMS
AIR ROUTE TRAFFIC CONTROL CENTERS
FEDERAL AVIATION ADMINISTRATION
INSTRUMENT FLIGHT
VISUAL FLIGHT
DATA
ANALYSIS
FLIGHT PLANS
GENERAL AVIATION AIRCRAFT
MILITARY AIRCRAFT
AIR CARRIERS
CLEARANCE
AIRSPEED
ALTITUDE
VOLUME
FLIGHT SERVICE STATIONS
AIRPORT CONTROL TOWERS
PISTONS
JET ENGINES
HELICOPTERS
RANK ORDER
FLIGHT DURATION
MULTI-ENGINE
SINGLE-ENGINE
FLIGHT CHARACTERISTICS

68 00680 R NAT U
03-A
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
SCHEDULED AIR TAXI OPERATORS AS OF
OCTOBER 1967.
GENERAL DISTRIBUTION
OCT 1967, 64 P, TABLES
AD-667 603
FEDERAL AVIATION ADMINISTRATION
AVIATION PERSONNEL
AIR TRANSPORTATION
AIRCRAFT
VOLUME
AIR ROUTES
DISTRIBUTION
ABUNDANCE
PISTONS
JET ENGINES
HELICOPTERS
URBAN AREAS
OCTOBER 1964
AIR TAXI OPERATORS
FAA REGION
MULTI-ENGINE
SINGLE-ENGINE

68 00681 R NAT U
03-A
FEEGGER, E. J.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
ENROUTE IFR AIR TRAFFIC SURVEY.
GENERAL DISTRIBUTION
SEP 1967, 188 P, TABLES
FAA 67-9
AD-667 604
AIR ROUTE TRAFFIC CONTROL SYSTEMS
INSTRUMENT FLIGHT
FEDERAL AVIATION ADMINISTRATION
DATA
ANALYSIS
PEAK AIR TRAFFIC
DEPARTURE
TIME
AIRPORT
AIR CARRIERS
GENERAL AVIATION AIRCRAFT
MILITARY AIRCRAFT
CIVIL AVIATION
URBAN AREAS
AIRPORT CONTROL TOWERS
AIRSPEED
FISCAL YEAR

68 00682 R NAT U
03-A
PATTERSON, V. W.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
MILITARY AIR TRAFFIC ACTIVITY REPORT.
GENERAL DISTRIBUTION
APR 1967, 55 P, ILLUS
FAA-67-6
AD-667 732
FEDERAL AVIATION ADMINISTRATION
AIR TRAFFIC
MILITARY AVIATION
DATA
ANALYSIS
AIR FORCE
NAVAL AIR STATIONS
ARMY
ARMED FORCES OPERATIONS
TRANSOCEANIC
LANDING FIELDS
URBAN AREAS
VISUAL FLIGHT
INSTRUMENT FLIGHT
DOMESTIC

68 00683 R NAT U
10-G
BULFORD, D. E.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
CLEAR AIR TURBULENCE.
A BIBLIOGRAPHY. FINAL REPORT.
GENERAL DISTRIBUTION
MAR 1968, 76 P
NA-68-17
AD-667 731
CLEAR AIR TURBULENCE
FEDERAL AVIATION ADMINISTRATION
BIBLIOGRAPHIES

68 00684

NAT U

02-E
SALLADA, R. V., LT.
WHEATLEY, G. F., LCDR.
VON HUSEN, R.
NAVAL AIR TEST CENTER,
PATUXENT RIVER, MD.
EVALUATION OF THE SPIN CHARACTERISTICS
OF THE T-28 AIRPLANE.# FINAL REPORT.
GENERAL DISTRIBUTION
NOV 1967, 81 P, ILLUS, 13 REFS
FT-73R-67
AD-823 660
ANALYSIS
SPIN
JET TRAINING PLANES
FLIGHT TESTING
LOADING /MECHANICS/
STALLING
YAW
RECOVERY
FLIGHT CONTROL SYSTEMS
T-28 AIRCRAFT
INERTIA

68 00685

NAT U

02-E
MALIKOV, G. F.
SHNEIDERMAN, A. L.
SHULEMOVICH, A. M.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
COMPUTATIONS OF ELASTIC TENSOMETRIC
ELEMENTS.#
GENERAL DISTRIBUTION
FEB 1968, 177 P, ILLUS, 30 REFS
NASA-TT-F-513
N68-15796
PLASTICITY
METERS
TEST EQUIPMENT
MECHANICAL PROPERTIES
LINEAR SYSTEMS
POLYNOMIALS
NONLINEAR SYSTEMS
CANTILEVER BEAMS
HYSTERESIS
STATISTICAL ANALYSIS
TENSOMETRIC
CALCULATIONS

68 00686

NAT U

01-E
ALLEGGERI, R. K.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
MANNED SPACECRAFT CENTER, HOUSTON, TEX.
SUBCRITICAL CRYOGENIC STORAGE DEVELOPMENT
AND FLIGHT TEST.#
GENERAL DISTRIBUTION
FEB 1968, 85 P, ILLUS, TABLES, 4 REFS
NASA-TN-D-4294
N68-15950
CRYOGENICS
STORAGE
FLIGHT TESTING
GRAVITY
PRESSURE VESSELS
PHASE STUDIES
HEAT EXCHANGERS
HEAT TRANSFER
LIQUEFIED GASES
TEST METHODS
SYSTEMS ENGINEERING
NITROGEN
VOLUME
LOW GRAVITY
MASS

68 00687

NAT U

02-E
CHAMBERS, J. R.
GRAFTON, S. B.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
STATIC AND DYNAMIC LONGITUDINAL STABILITY
DERIVATIVES OF A POWERED 0.18-SCALE MODEL
OF A FAN-IN-WING VTOL AIRCRAFT.#
GENERAL DISTRIBUTION
FEB 1968, 64 P, ILLUS, 9 REFS
NASA-TN-D-4322
N68-15894
ROLL
DYNAMICS
STATICS
VERTICAL TAKE-OFF PLANES
ANGLE OF ATTACK
TRANSITION FLIGHT
HOVERING
VELOCITY
DAMPING
TRIM
STABILIZERS /HORIZONTAL TAIL SURFACES/
FANS
WINGS
CONFIGURATION
SHORT TAKE-OFF PLANES
AIRPLANE MODELS
MODEL TESTS
FAN-IN-WING AIRCRAFT
DERIVATIVES
LOUVER DEFLECTION ANGLES

68 00688

NAT U

02-E
CHAMBERS, J. R.
GRAFTON, S. B.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
CALCULATION OF THE DYNAMIC LONGITUDINAL
STABILITY OF A TILT-WING V/STOL AIRCRAFT AND
CORRELATION WITH MODEL FLIGHT TESTS.#
GENERAL DISTRIBUTION
FEB 1968, 81 P, ILLUS, TABLES
NASA-TN-D-4344
N68-15941
ROLL
DYNAMICS
TILT WINGS
VERTICAL TAKE-OFF PLANES
FLIGHT TESTING
VELOCITY
HOVERING
TRANSITION FLIGHT
OSCILLATION
ANGLE OF ATTACK
PITCH /ROTATION/
EQUATIONS
MOTION
SHORT TAKE-OFF PLANES
AIRPLANE MODELS
MODEL TESTS
FREE FLIGHT
WING INCIDENCE
RATE
ALTITUDE

3100 00

68 00689 NAT U
02-D
ROHLIK, M. S.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND.
ANALYTICAL DETERMINATION OF RADIAL INFLOW
TURBINE DESIGN GEOMETRY FOR MAXIMUM
EFFICIENCY.#
GENERAL DISTRIBUTION
FEB 1968, 30 P, ILLUS, 10 REFS
NASA-TN-D-4384
N68-15943
TURBINES
DESIGN
GEOMETRY
VELOCITY
TURBINE BLADES
TURBINE STATORS
ANALYSIS
EFFECTIVENESS
EXHAUST DIFFUSERS
CONFIGURATION
ROTOR BLADES /TURBOMACHINERY/
NATURAL FLOW TURBINE
LOSSES

68 00690 NAT U
02-N
SINACORI, J. R.
NORTHROP CORP., NORTHROP NORAIR DIV.,
HAWTHORNE, CALIF.
V/STOL GROUND-BASED SIMULATION TECHNIQUES.#
GENERAL DISTRIBUTION
NOV 1967, 73 P, ILLUS, 4 REFS
DA-44-177-AMC-462/T/
USAAVLABS-TR-67-55
AD-865 425
VERTICAL TAKE-OFF PLANES
TECHNIQUES
FLIGHT CONTROL SYSTEMS
DISPLAY SYSTEMS
VISUAL FLIGHT
PILOTS
OPERATION
EFFECTIVENESS
REACTION /PSYCHOLOGY/
DATA
FLIGHT SIMULATORS
CORRELATION

68 00691 NAT U
02-G
RAIN, L. J.
LANDGREBE, A. J.
UNITED AIRCRAFT CORP., STRATFORD, CONN.
INVESTIGATION OF COMPOUND HELICOPTER
AERODYNAMIC INTERFERENCE EFFECTS.#
GENERAL DISTRIBUTION
NOV 1967, 300 P, ILLUS, 20 REFS
DA-44-177-AMC-203/T/
USAAVLABS-TR-67-44
AD-865 427
HELICOPTERS
AERODYNAMIC CHARACTERISTICS
INTERFERENCE
WING-PODY CONFIGURATIONS
WING-ROTOR CONFIGURATIONS
PROPELLERS /AERIAL/
ANALYSIS
THEORY
WIND TUNNEL MODELS
COMPOUND HELICOPTER

68 00692 NAT U
01-F
DAUGHADAY, H.
CORNELL AERONAUTICAL LAB., INC., ITHACA, N.Y.
SUPPRESSION OF TRANSMITTED HARMONIC ROTOR
LOADS BY BLADE PITCH CONTROL.#
GENERAL DISTRIBUTION
NOV 1967, 90 P, ILLUS, TABLES, 10 REFS
DA-177-AMC-299/T/
USAAVLABS-TR-67-14
AD-865 430
VIBRATION
REDUCTION
ROTOR BLADES /ROTOR WINGS/
AERODYNAMIC LOADING
PITCH /ROTATION/
CONTROL
WAVE TRANSMISSION
MATHEMATICAL ANALYSIS
ANGLE OF ATTACK
OSCILLATION
SHEAR STRESSES
HARMONIC /ROTATION/

68 00693 NAT U
0A-C
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
A PRIMER ON PROJECT PRIME.#
GENERAL DISTRIBUTION
DEC 1966, 78 P
AD-806 765
OPERATIONS RESEARCH
MANAGEMENT ENGINEERING
ARMED FORCES BUDGETS
COSTS
MILITARY PERSONNEL
DESIGN
EFFECTIVENESS
ECONOMICS
PROJECT PRIME
ACCOUNTING
OPERATING MANAGER

68 00694 NAT U
02-G
DUMKHOUGH, L. R.
RALSTER, M. E.
UNITED AIRCRAFT CORP. SIKORSKY AIRCRAFT DIV.,
STRATFORD, CONN.
DESIGN STUDY OF HEAVY LIFT HELICOPTER
EXTERNAL LOAD HANDLING SYSTEM.#
GENERAL DISTRIBUTION
NOV 1967, 281 P, ILLUS, TABLES, 15 REFS
DA-44-177-AMC-467(T)
USAAVLABS-TR-67-46
AD-820 283
DESIGN
HELICOPTER HOISTS
LOADING /MECHANICS/
ANALYSIS
OPERATIONS RESEARCH
CONFIGURATION
TESTS
SINGLE-POINT
MULTI-POINT
COMPARATIVE STUDIES

68 00695
05-F
GUEHR, F. E.
COLLINS, J. E.
FEDERAL AVIATION ADMINISTRATION, CIVIL
AEROMEDICAL INST., OKLAHOMA CITY.
EYE-MOVEMENT AND SUBJECTIVE TURNING
RESPONSES TO VARIOUS DURATIONS OF ANGULAR
ACCELERATION.# PART VI.
ADAPTION TO VESTIBULAR DISORIENTATION.
GENERAL DISTRIBUTION
MAY 1967, 9 P, ILLUS, TABLES
FAA-AM-67-7
AD-665 293
ADAPTION /PHYSIOLOGY/
VESTIBULAR APPARATUS
MALFUNCTIONS
EYE
MOTION SICKNESS
ACCELERATION
RESPONSE
REFLEXES
LABORATORY ANIMALS
SENSORY MECHANISMS
MAN
AVIATION MEDICINE
FEDERAL AVIATION ADMINISTRATION
SYSTEMS
OPERATION
DATA

NAT U

68 00696
05-F
MELTON, C. E., PH.D.
FEDERAL AVIATION ADMINISTRATION, CIVIL
AEROMEDICAL INST., OKLAHOMA CITY.
IN-FLIGHT PHYSIOLOGICAL MONITORING OF
STUDENT PILOTS.#
GENERAL DISTRIBUTION
AUG 1967, 12 P, ILLUS, TABLE, 9 REFS
FAA-AM-67-15
AD-665 600
STUDENTS
PILOTS
PHYSIOLOGY
ELECTRONICS
MONITORS
ELECTROCARDIOGRAPHY
VERBAL BEHAVIOR
MAGNETIC TAPE
ANALYSIS
REACTION KINETICS
STRESS /PSYCHOLOGY/
AVIATION MEDICINE
FEDERAL AVIATION ADMINISTRATION
ELECTROPHYSIOLOGY
ELECTROOCULOGRAMS
SOLO FLIGHT
DUAL FLIGHT
COMPARATIVE STUDIES
IN-FLIGHT

R NAT U

68 00697
09-B
CRANE, C. R.
SANDERS, D. C.
FEDERAL AVIATION ADMINISTRATION, CIVIL
AEROMEDICAL INST., OKLAHOMA CITY.
EVALUATION OF A BIOCIDAL TURBINE-FUEL
ADDITIVE.#
GENERAL DISTRIBUTION
AUG 1967, 10 P, TABLES
FAA-AM-67-21
AD-665 661
TURBOJET-ENGINES
FUEL ADDITIVES
PESTICIDES
BACTERIA
FUELS
PHASE STUDIES
GROWTH
INHIBITION
VIABILITY /PHYSIOLOGY/
FUNGI
FEDERAL AVIATION ADMINISTRATION
AVIATION MEDICINE
FUEL CONTAMINATION
SIMULATION
MEDIA /MICROBIOLOGY/
CONCENTRATION
KEROSENE

R NAT U

68 00698
05-B
LEWIS, M. F.
MERTENS, M. W.
FEDERAL AVIATION ADMINISTRATION, CIVIL
AEROMEDICAL INST., OKLAHOMA CITY.
REACTION TIME AS A FUNCTION OF FLASH
LUMINANCE AND DURATION.#
GENERAL DISTRIBUTION
NOV 1967, 8 P, ILLUS, 6 REFS
FAA-AM-67-24
AD-665 662
REACTION /PSYCHOLOGY/
VISUAL SIGNALS
TEST METHODS
FUNCTIONS
DECELERATION
REFLEXES
TIME
FLASH LUMINANCE
NEGATIVE ACCELERATION

R NAT U

68 00699
02-M
LOISEL, A. V.
FEDERAL AVIATION ADMINISTRATION,
NATIONAL AVIATION FACILITIES EXPERIMENTAL
CENTER, ATLANTIC CITY.
TEST AND EXPERIMENTATION WITH DIGITAL WIND
DEVICES.# FINAL REPORT.
GENERAL DISTRIBUTION
JUN 1967, 15 P, ILLUS
FAA-RO-67-49
METEOROLOGICAL INSTRUMENTS
DIGITAL COMPUTERS
WIND
MODEL TESTS
DESIGN
TEST METHODS
STANDARDS
VELOCITY
FEDERAL AVIATION ADMINISTRATION
SENSING ELEMENTS
AVERAGE VALUES

R NAT U

68 00700 R NAT U
03-A
MC CONNELLY, G. J.
FEDERAL AVIATION ADMINISTRATION,
SYSTEMS RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
PHYSICAL VULNERABILITY OF AIR TRAFFIC
CONTROL AND NAVIGATIONAL AID FACILITIES.#
OFFICIAL USE ONLY
FEB 1966, 15 P
SRDS-RD-68-4
AIR TRAFFIC CONTROL SYSTEMS
NAVIGATIONAL AIDS
EMERGENCY PROCEDURES
FEDERAL AVIATION ADMINISTRATION
OVERFLIGHT
PRESSURE
NUCLEAR EXPLOSION DAMAGE
NATIONAL DEFENSE

68 00701 NAT U
06-A
MURRAY, A. E.
CORNELL AERONAUTICAL LAB., INC., BUFFALO,
ELECTRONIC AUDIO RECOGNITION STUDY.#
GENERAL DISTRIBUTION
1963, 61 P, ILLUS
DAL-R-UB-1721-X-4
AD-429 494
ELECTRONIC EQUIPMENT
DETECTION
CLASSIFICATION
MOVING TARGET INDICATORS
DOPPLER RADAR
PERSONNEL
VEHICLES
RADAR CLUTTER
SOUND RANGING

68 00702 NAT U
06-L
KOFRT, P., JR.
ELECTRONIC DEFENSE LABS.,
MOUNTAIN VIEW, ILL.
DEVELOPMENT OF A FORM/FIBERGLAS,
VHF 750-900 MC / DOUBLY RIDGED, LENS-CORRECTED
HORN ANTENNA.#
GENERAL DISTRIBUTION
JUL 1966, 45 P, ILLUS, 12 REFS
FDL-M667
AD-450 180
DESIGN
VERY HIGH FREQUENCY
ANTENNA FEEDS
LENS ANTENNAS
REINFORCED MATERIALS
PLASTICS
POLYMETHANE FOAM

68 00703 NAT U
08-E
EPSTEIN, B.
WAYNE STATE UNIV., DETROIT,
STATISTICAL DEVELOPMENTS IN LIFE TESTING.#
GENERAL DISTRIBUTION
JUN 1957, 14 P, TABLES
NOMA-2163/007
MSU-TR-1
AD-155 151
LIFE EXPECTANCY
TEST METHODS
DESIGN
STATISTICAL PROCESSES
FATIGUE MECHANICS/
ELECTRONIC EQUIPMENT

68 00704 NAT U
08-F
EPSTEIN, B.
WAYNE STATE UNIV., DETROIT,
THE EXPONENTIAL DISTRIBUTION AND ITS ROLE
IN LIFE TESTING.# TECHNICAL REPORT
GENERAL DISTRIBUTION
MAY 1958, 20 P, 17 REFS
NOMA-2163/007
MSU-TR-2
AD-158 605
LIFE EXPECTANCY
TEST METHODS
STATISTICAL PROCESSES
ENVIRONMENTAL TESTS
PROBABILITY
FAILURE MECHANICS/
MATHEMATICAL MODEL,
ELECTRONIC EQUIPMENT
EXPONENTIAL DISTRIBUTION

68 00705 NAT U
09-B
HANGEN, W. J.
LHMYSLER CORP., DETROIT,
FIELD ARTILLERY GUIDED MISSILE SYSTEM.#
GENERAL DISTRIBUTION
DEC 1957, 71 P, ILLUS, TABLES
CC-RT-M44J
AD-291 128
JET ENGINE FUELS
MECHANICAL PROPERTIES
COMPATIBILITY
LUBRICANTS
SEALING COMPOUNDS
FLAMMABILITY
ELASTOMERS
METALS
JP-5 FUEL

68 00706 NAT U
09-B
PETTS, D. G., MAJ.
AEROSPACE MEDICAL DIV., BROOKS AFB, TEX.
VISUAL ILLUSIONS AND AIRCRAFT ACCIDENTS.#
GENERAL DISTRIBUTION
APR 1967, 31 P, ILLUS, 101 REFS
SAM-TR-67-28
AD-653 518
VISION
AVIATION ACCIDENTS
VESTIBULAR APPARATUS
PERCEPTION
WINDSHIELD
LANDING
ACCELERATION
ANTENNAS
PSYCHOLOGY
PHYSIOLOGY
METEOROLOGICAL PHENOMENA
AVIATION SAFETY
ILLUSIONS
CORTOLIS EFFECT

0300900

68 00707 NAT U
07-C
PAYNE, T. A.
ILLINOIS UNIV., URBANA,
A STUDY OF THE MOVING FIGURE AND
ORIENTATION OF SYMBOLS ON PICTORIAL AIRCRAFT
INSTRUMENT DISPLAYS FOR NAVIGATION.#
GENERAL DISTRIBUTION
JUL 1950, 25 P, ILLUS, TABLES, 7 REFS
SOC-71-16-6
AD-657 470
TELEVISION DISPLAY SYSTEMS
NAVIGATION
FLIGHT INSTRUMENTS
MAN-MACHINE SYSTEMS
PILOTS
REACTION /PSYCHOLOGY/
ORIENTATION

68 00708 NAT U
02-0
GT. BRIT. MINISTRY OF TECHNOLOGY,
TECHNICAL INFORMATION AND LIBRARY SERVICES,
LONDON.

FLOW TURNING.#
GENERAL DISTRIBUTION
DEC 1967, 43 P, ILLUS
S & T-MEMO-4/67
AD-662 566
MANUFACTURING METHODS
ENGINE FUEL SYSTEM COMPONENTS
ALLOYS
MACHINING
NICKEL ALLOYS
STAINLESS STEEL
ROCKET MOTORS
THROUJET ENGINES
FLOW TURNING
TURNING

68 00709 NAT U
08-E
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
SUPPLY MANAGEMENT REVIEW PROGRAM.#
GENERAL DISTRIBUTION
OCT 1965, 204 P
AD-663 464
MANAGEMENT ENGINEERING
DEPARTMENT OF DEFENSE
ARMED FORCES SUPPLIES
LOGISTICS

68 00710 R NAT U
08-E
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
COST-EFFECTIVENESS ANALYSIS OF THE
AUTOMATION OF AIR TRAFFIC CONTROL FUNCTIONS
AT RADAR TERMINALS.#
OFFICIAL USE ONLY
SEP 1967, 10 P, ILLUS, TABLES
COSTS
EFFECTIVENESS
AUTOMATION
AIR TRAFFIC CONTROL SYSTEMS
RADAR STATIONS
OPERATION
MAINTENANCE
AIR TRAFFIC
TRAINING

68 00711 NAT U
02-1
MUSELEY, M. G.
AERO MEDICAL SAFETY DIV., DIRECTORATE OF
FLIGHT SAFETY RESEARCH,
FATAL LESIONS INCURRED IN AIRCRAFT
ACCIDENTS.#
GENERAL DISTRIBUTION
1967, 13 P
AD-664 721
WOUNDS AND INJURIES
PATHOLOGY
AVIATION ACCIDENTS
REAL
WOUNDS
MEDICAL EXAMINATION
DIAGNOSIS
AUTOPSY

68 00712 NAT U
13-B
CAITANO, T. F.
RAND CORP., SANTA MONICA, CALIF.
AIR TRANSPORTATION IN THE 1970S - PROBLEMS
AND OPPORTUNITIES.#
GENERAL DISTRIBUTION
JAN 1968, 38 P, ILLUS
F44620-67-C-0045
RC-RM-5268-PH
AU-664 040
AIR TRANSPORTATION
MATHEMATICAL PREDICTION
CIVIL AVIATION
COSTS
AIR TRAFFIC
AIRPLANE NOISE
DESIGN
AIRCRAFT EQUIPMENT
AIRPORTS
URBAN AREAS
TRANSOLEANIC
VERTICAL TAKE-OFF PLANES
1970
NOISE ABATEMENT
DOMESTIC

68 00713 NAT U
08-U
KESSLER, I. J.
AIR FORCE OPERATIONS ANALYSIS DIV.,
WASHINGTON, D. C.
AN EXAMINATION OF THE PREDICTABLE-
UNPREDICTABLE WORK LOAD RELATIONSHIP AS A
GUIDE TO BETTER AIRCRAFT PERFORMANCE.#
GENERAL DISTRIBUTION
AUG 1959, 68 P, ILLUS, TABLES
OA-WP-91
AD-664 066
AIRCRAFT
OPERATION
EFFECTIVENESS
PERSONNEL MANAGEMENT
MAINTENANCE PERSONNEL
CIVIL AVIATION
MILITARY AVIATION

68 00714 NAT U
08-E
HARRIS, G. M.
RESEARCH ANALYSIS CORP., MCLEAN, VA.
LIFE DISTRIBUTIONS DERIVED FROM
STOCHASTIC HAZARD FUNCTIONS.#
GENERAL DISTRIBUTION
OCT 1967, 32 P, 11 REFS
RAC-TP-280
AD-664 142
STOCHASTIC PROCESSES
LIFE EXPECTANCY
FAILURE /MECHANICS/
HAZARDS
RELIABILITY
MATERIALS
STRUCTURES
ELECTRONIC EQUIPMENT
THEORY

68 00715 NAT U
06-A
BERTICK, J. P.
GF. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
AN INCREMENTAL PHASE CHANGER FOR OFFSETTING
TIME AND FREQUENCY STANDARDS.#
GENERAL DISTRIBUTION
SEP 1967, 10 P, ILLUS
RAE-TB-67230
AD-665 813
PHASE MODULATION
INSTRUMENTATION
FREQUENCY MODULATION

68 00716 R NAT U
02-F
SHANK, R. J.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
AIR TRAFFIC CONTROL EVOLUTION. # REPRINTED
FROM ASTRONAUTICS AND AERONAUTICS, AUGUST
1964. #
GENERAL DISTRIBUTION
1964, 6 P
FEDERAL AVIATION ADMINISTRATION
AIR TRAFFIC CONTROL SYSTEMS
PEAK AIR TRAFFIC
OPERATION
EFFECTIVENESS
AVIATION SAFETY
NAVIGATION
FLIGHT CONTROL SYSTEMS
GROUND-CONTROLLED APPROACH RADAR
DISPLAY SYSTEMS
RADAR

68 00717 R NAT U
02-F
REYNOLDS, R.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
U. S. GENERAL AVIATION-BUSY HIGHWAY
IN THE SKY. #
GENERAL DISTRIBUTION
JUL 1965, 8 P, ILLUS
GENERAL AVIATION AIRCRAFT
FEDERAL AVIATION ADMINISTRATION
WEATHER COMMUNICATIONS
AIRPORTS
AIRCRAFT
PILOTS
NAVIGATION
AIR TRAFFIC CONTROL SYSTEMS
AIR TAXI SERVICE

68 00718 NAT U
06-D
MEISEL, W. S.
CALIFORNIA, UNIV., LOS ANGELES.
HAZARDS IN COMBINATIONAL AND SEQUENTIAL
SWITCHING CIRCUITS. # A SURVEY.
GENERAL DISTRIBUTION
MAY 1966, 41 P, ILLUS, 9 REFS
AF-AFOSR-1018-66
USCEE-174
AFOSR-68-0370
AD-665 864
SWITCHING CIRCUITS
HAZARDS
MATHEMATICAL MODELS
DESIGN
BOOLEAN LOGIC

68 00719 NAT U
02-F
ROEGNER, H. F.
AVIATION CRASH INJURY RESEARCH, PHOENIX, ARIZ.
AD-TRF U. S. ARMY MOHAWK MOCKUP
EVALUATION BETHPAGE, LONG ISLAND, NEW YORK,
31 MARCH 1960. #
GENERAL DISTRIBUTION
AUG 1960, 6 P, ILLUS
DA-44-177-TC-624
TRAC-TR-60-45
AD-664 151
CRASHWORTHINESS
STANDARDS
SAFETY HARNESS
IMPACT SHOCK
AIRCRAFT FIRES
AVIATION SAFETY
SAFETY DEVICES
SURVIVAL
MOCKUP AT 141 AIRCRAFT

68 00720
02-F
ROEGNER, H. F.
AVIATION CRASH INJURY RESEARCH, PHOENIX, ARIZ.
CRASH INJURY BULLETIN PART 2. #
OF SEAT BELTS IN THE MOHAWK MOCKUP
STORAGE OF EQUIPMENT UNDER STRAIN
GENERAL DISTRIBUTION
SEP 1960, 6 P, ILLUS
DA-44-177-TC-624
TRAC-TR-60-45
AD-664 156
CRASHWORTHINESS
SAFETY HARNESS
AVIATION SAFETY
HELICOPTERS
MOHAWK HELICOPTER

68 00721
10-F
DARRACOTT, M. T.
ARMY, WASHINGTON, D. C.
NAVY, WASHINGTON, D. C.
AIR FORCE, WASHINGTON, D. C.
REPORT ON TECHNOLOGICAL FORECAST
GENERAL DISTRIBUTION
JUN 1967, 11 P, ILLUS
AD-664 165
MATHEMATICAL PREDICTION
TECHNIQUES
ARMED FORCES RESEARCH
METHODOLOGY

68 00722 NAT U
06-C
SKOLNIK, M. I.
NAVAL RESEARCH LAB., WASHINGTON, D. C.
LARGE ANTENNA SYSTEMS. #
GENERAL DISTRIBUTION
DEC 1967, 30 P, ILLUS, 24 REFS
NRL-R-6028
AD-664 462
ANTENNAS
ANTENNA CONFIGURATIONS
PROPAGATION
BEAMS /ELECTROMAGNETIC/
SIGNALS
DISTORTION
ENVIRONMENTAL TESTS
ANTENNA RADIATION PATTERNS
MEASUREMENT
DIPOLE ANTENNAS
LENS ANTENNAS

68 00723 NAT U
02-K
KEY, E. J.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
TYRE WEAR TESTS ON AN OPEN GRADED
MACADAM RUNWAY FRICTION COURSE. #
GENERAL DISTRIBUTION
AUG 1967, 15 P, ILLUS, 4 REFS
RAE-TR-67178
AD-664 528
AIRCRAFT TIRES
RUNWAYS
FRICTION
LIFE EXPECTANCY
TEST METHODS
WEIGHT
SURFACE PROPERTIES
LANDING IMPACT
TAKING
AIRCRAFT BRAKING

68 00724 NAT U
 08-C
 LOGISTICS MANAGEMENT INST., WASHINGTON, D. C.
 DEFENSE INDUSTRY PROFIT REVIEW LMI TASK
 66-25.# VOLUME I.
 GENERAL DISTRIBUTION
 NOV 1967, 71 P, ILLUS. TABLES
 AD-664 700
 ECONOMICS
 DEPARTMENT OF DEFENSE
 STATISTICAL DATA
 DEFENSE CONTRACTORS
 PROFIT
 SALES
 CAPITAL INVESTMENT

68 00725 NAT U
 08-C
 LOGISTICS MANAGEMENT INST., WASHINGTON, D. C.
 DEFENSE INDUSTRY PROFIT REVIEW LMI TASK
 66-25.# VOLUME II.
 GENERAL DISTRIBUTION
 NOV 1967, 100 P, ILLUS.
 AD-664 701
 ECONOMICS
 DEPARTMENT OF DEFENSE
 STATISTICAL DATA
 DEFENSE CONTRACTORS
 PROFIT

68 00726 NAT U
 02-M
 JARNES, J. A.
 HUMAN ENGINEERING LABS., ABERDEEN PROVING
 GROUNDS, MD.
 AIRCRAFT INSTRUMENT PANEL PLACEMENT.#
 GENERAL DISTRIBUTION
 JAN 1968, 11 P, ILLUS. TABLES, 10 REFS
 TECH-N-2-68
 AD-664 750
 FLIGHT INSTRUMENTS
 DISPLAY SYSTEMS
 VISION
 OPTICS
 HUMAN ENGINEERING

68 00727 NAT U
 08-G
 ELDERD, R. K., JR.
 GEORGIA INST. OF TECH., ATLANTA.
 A LITERATURE SURVEY - HOW THE DEFENSE
 DEPARTMENT AWARD CONTRACTS AND GRANTS FOR
 BASIC RESEARCH.#
 GENERAL DISTRIBUTION
 JUL 1967, 99 P, ILLUS. 4 REFS
 AD-664 797
 DEPARTMENT OF DEFENSE
 ECONOMICS
 RESEARCH PROGRAM ADMINISTRATION
 ARMED FORCES PROCUREMENT
 ARMED FORCES RESEARCH
 DEFENSE CONTRACTORS

68 00728 NAT U
 01-C
 FERNAN, M. A.
 MCCONNELL AIRCRAFT CORP., ST. LOUIS.
 RESULTS OF 1967 RESEARCH ON CONCEPTUAL
 FLUTTER ANALYSES.# FINAL REPORT.
 GENERAL DISTRIBUTION
 DEC 1967, 108 P, ILLUS. TABLES, 12 REFS
 N0019-67-C-213
 MC-A-F971
 AD-665 013
 FLUTTER
 ANALYSIS
 MODELS /SIMULATION/
 SWEPT WINGS
 EQUATIONS
 MOTION
 THEORY
 TRAILING EDGE
 CONTROL SURFACES
 FLUID DYNAMIC PROPERTIES
 VELOCITY
 SURFACE PROPERTIES
 FORWARD BENDING

68 00729 NAT U
 02-L
 PARRY, L. S., III, LT.
 AIR FORCE INST. OF TECH., WRIGHT-PATTERSON
 AFB, OHIO.
 A SELF-ADAPTIVE AIRCRAFT PITCH RATE CONTROL
 SYSTEM EMPLOYING DIFFERENCE EQUATIONS FOR
 PARAMETER IDENTIFICATION.# THESIS.
 GENERAL DISTRIBUTION
 JUN 1967, 103 P, ILLUS. TABLES, 22 REFS
 AFIT-GA/EE/67-2
 AD-665 126
 ADAPTIVE CONTROL SYSTEMS
 PITCH /MOTION/
 FEEDBACK
 COMPUTERS
 SIMULATION
 DIFFERENTIAL EQUATIONS
 ELZAVIUS
 DEFLECTION
 DAMPING
 MACH NUMBER
 ANGLE OF ATTACK
 ALTITUDE

68 00730 NAT U
 02-U
 ZERKLEY, H. W.
 RESEARCH AND TECHNOLOGY DIV. SYSTEMS
 ENGINEERING GROUP, WRIGHT-PATTERSON AFB, OHIO.
 DEVELOPMENT AND TEST OF THE ENGINE ANALYZER
 SYSTEM.#
 GENERAL DISTRIBUTION
 AUG 1967, 156 P, ILLUS. TABLES
 AD-665 158
 DESIGN
 AIRPLANE ENGINES
 TEST EQUIPMENT /ELECTRONICS/
 MAINTENANCE
 COSTS
 JET ENGINES
 FAILURE /MECHANICS/
 DETECTION
 EASY /ENGINE ANALYZER SYSTEM/

68 00731 NAT U
09-C
FOREST PRODUCTS LAB., MADISON, WIS.
SURFACE FLAMMABILITY OF VARIOUS WOOD-54
BUILDING MATERIALS.#
GENERAL DISTRIBUTION
FEB 1968, 13 P, TABLES
FPL-0186
AD-666 067
FLAMMABILITY
WOOD
MATERIALS
TEST EQUIPMENT
MEASUREMENT
SURFACE PROPERTIES
TEST METHODS
TUNNEL FURNACE METHOD

68 00732 NAT U
07-E
MITCHELL, M. B.
BLANCHARD, R. E.
SMITH, R. L.
DUNLAP AND ASSOCIATES, INC., SANTA MONICA,
CALIF.
DEVELOPMENT AND TEST OF A TECHNIQUE FOR
ESTABLISHING PERSONNEL PERFORMANCE STANDARDS
/TEPPS/.# PHASE IV. FINAL REPORT.
GENERAL DISTRIBUTION
AUG 1967, 87 P, ILLUS, TABLES, 17 REFS
NOMR-4312/007
AD-819 767
TECHNIQUES
PERSONNEL
OPERATION
EFFECTIVENESS
STANDARDS
DESIGN
PERSONNEL MANAGEMENT
MATHEMATICAL MODELS
TEPPS /TECHNIQUES FOR ESTABLISHING PERSONNEL
PERFORMANCE STANDARDS/

68 00733 NAT U
09-D
WOOD, R. A.
GURKLIS, J. A.
OLOFSON, C. T.
STROHECKER, D. E.
HOWDEN, D. G.
BATTELLE MEMORIAL INST. COLUMBUS, OHIO.
AIRCRAFT DESIGNERS HANDBOOK FOR TITANIUM
AND TITANIUM ALLOYS.#
NO FOREIGN
MAR 1967, 583 P, ILLUS, TABLES, 619 REFS
AF33/6157-3408
AFML-TR-67-142
AD-821 839
TITANIUM ALLOYS
HANDBOOKS
TITANIUM
MECHANICAL PROPERTIES
METALLURGY
MACHINING
MATERIAL FORMING
BONDING

68 00734 NAT U
04-D
ROBINSON, D. W.
JOPELAND, W. C. T.
GT. BRIT. AERONAUTICAL RESEARCH
COUNCIL, NATIONAL PHYSICAL LAB.
INTERIM PROPOSAL FOR AIR ATTENUATION
VALUES FOR AIRCRAFT NOISE.#
GENERAL DISTRIBUTION
JUL 1967, 15 P, ILLUS, TABLES, 9 REFS
NPL-AERO-R-AC-28
ARC-29-276
AD-822 311
AIRPLANE NOISE
ATTENUATION
PROPAGATION
ABSORPTION
ATMOSPHERE
ACOUSTICS

68 00735 NAT U
02-P
BOOKER, J. D.
NASH, M. J. B.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
AN EVALUATION OF SOME RAIN REPELLANTS FOR
AIRCRAFT GLASS WINDSCREENS.#
NO FOREIGN
DEC 1966, 24 P, ILLUS, 3 REFS
RAE-TR-66375
AD-826 501
WINDSHIELDS
GLASS
PROTECTIVE TREATMENTS
RAINFALL
FLIGHT SIMULATORS
LOW-TEMPERATURE RESEARCH
HIGH-TEMPERATURE RESEARCH
TEST METHODS
REPELLANTS

68 00736 NAT U
11
HAMSHIRE, A. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
AN EXPERIMENTAL S-BAND MULTI-BEAM ARRAY
BROAD BAND DIRECTION FINDING.#
NO FOREIGN
OCT 1967, 15 P, ILLUS, 5 REFS
RAE-TR-67261
AD-828 849
DIRECTION FINDING
S-BAND
BROADBAND
ANTENNA CONFIGURATIONS
POLARIZATION
MEASUREMENT
FLARES

68 00737 NAT U
11
COUZENS, R.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
A RECEIVER TO TRACK A PHASE MODULATED VERY
LOW FREQUENCY CARRIER.#
NO FOREIGN
OCT 1967, 22 P, ILLUS, 1 REF
RAE-TR-67258
AD-828 803
TRANSMITTER-RECEIVERS
TRACKING
PHASE MODULATION
VERY LOW FREQUENCY
BAND-PASS AMPLIFIERS

68 00738 NAT U
02-E
NORTH ATLANTIC TREATY ORGANIZATION,
PARIS. ADVISORY GROUP FOR AERONAUTICAL
RESEARCH AND DEVELOPMENT.
STABILITY AND CONTROL.0 PART I.
GENERAL DISTRIBUTION
SEP 1966, 923 P, ILLUS, TABLES
AGARD-CP-17
AD-665 205
STABILITY
FLIGHT CONTROL SYSTEMS
AIRCRAFT
MOTION
AEROELASTICITY
SPIN
THEORY
HANDLING
AUTOMATIC
WIND TUNNELS
SIMULATION
FLUTTER
STANDARDS
DESIGN
STABILIZERS /VERTICAL TAIL SURFACE/
STABILIZERS /HORIZONTAL TAIL SURFACE/
VELOCITY
FREE FLIGHT
INERTIA

68 00739 NAT U
02-E
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT.
STABILITY AND CONTROL.0 PART II.
GENERAL DISTRIBUTION
SEP 1966, 997 P, ILLUS, TABLES
AGARD-CP-17
AD-665 320
STABILITY
FLIGHT CONTROL SYSTEMS
SIMULATION
PILOTS
JOB ANALYSIS
TURBULENCE
ATMOSPHERIC MOTION
INSTRUMENT FLIGHT
SUPERSONIC FLIGHT
STALLING
AUTOMATIC PILOTS
APPROACH
PSYCHOLOGY
PHYSIOLOGY
THEORY
MATHEMATICAL MODELS
GUSTS

68 00740 NAT U
02-K
GILSON, P. T.
ALEXANDER, G. H.
CHASS, H. A.
BATTELLE MEMORIAL INST., COLUMBUS, OHIO.
VALIDATION OF DESIGN THEORY FOR AIRCRAFT
ARRESTING-GEAR CABLE.0 FINAL REPORT.
DDO ONLY
JAN 1968, 68 P, ILLUS, TABLES
HOW-65-0503-C
AD-665 328
DESIGN
CABLES /MECHANICAL/
ARRESTING GEAR
TENSILE PROPERTIES
STRESSES
ABRASIVES
CORROSION
LOADAGE
WIRE
TE-1A /NAVIGATIONAL AID/

68 00741 NAT U
00-C
BROCKMAN, W. F., MAJ.
DICKENS, F. D., MAJ.
AIR FORCE INST. OF TECH.,
WRIGHT-PATTERSON AFB, OHIO.
INVESTIGATION OF LEARNING CURVE AND COST
ESTIMATION METHODS FOR CARGO AIRCRAFT.0
RESEARCH PAPER.
GENERAL DISTRIBUTION
DEC 1967, 177 P, ILLUS, TABLES, 32 REFS
AFIT-GSM/SN/7-2/7
AD-665 466
COSTS
STATISTICAL ANALYSIS
MATHEMATICAL PREDICTION
TRANSPORT PLANES
MANAGEMENT ENGINEERING
MILITARY AIRCRAFT
PRODUCTION
LABOR
ESTIMATES /ECONOMICS/
MAN-HOURS

68 00742 NAT U
06-D
BABB, B. A.
INTERNATIONAL TELEPHONE AND TELEGRAPH CORP.
ITT LABS., FT. WAYNE.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
BULK SEMICONDUCTOR CONTROL CIRCUITRY FOR
SOLID STATE DISPLAYS.0
NO FOREIGN
FEB 1968, 70 P, ILLUS
AF33/619/-3964
AFFOL-TR-67-159
AD-629 186
SEMICONDUCTOR DEVICES
SWITCHING CIRCUITS
SOLID STATE PHYSICS
DISPLAY SYSTEMS
ELECTROLUMINESCENCE
DIODES /SEMICONDUCTOR/
DESIGN
RESISTORS
NETWORKS

68 00743 NAT U
02-E
GOTTFRIED, P.
JETTNER, E.
WEISS, D. W.
BOOZ ALLEN APPLIED RESEARCH, INC., BETHESDA,
MD.
EVALUATION OF RELIABILITY PREDICTION
TECHNIQUES FOR ENTIRE FLIGHT CONTROL SYSTEMS.0
GENERAL DISTRIBUTION
FEB 1968, 357 P, ILLUS
AFFOL-TR-67-183
FLIGHT CONTROL SYSTEMS
RELIABILITY
MATHEMATICAL PREDICTION
TECHNIQUES
ADAPTIVE CONTROL SYSTEMS
FAILURE /MECHANICS/
STABILITY
AUTOMATIC PILOTS
HYDRAULIC SYSTEMS
F-11A AIRCRAFT

68 00744 NAT U
 11
 BENJAMINS, J.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 THE COMPARATIVE INTEGRITY OF DOWNWIND
 AND UPWIND LOCALISERS.#
 NO FOREIGN
 OCT 1967, 14 P, ILLUS, 9 REFS
 RAE-TR-67255
 AD-829 369L
 LOCALIZERS
 INSTRUMENT LANDINGS
 TERMINAL GUIDANCE
 AZIMUTH
 SIGNALS
 BEAMS /ELECTROMAGNETIC/
 NOISE

68 00745 NAT U
 11
 STRINGER, F. S.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 OMEGA THE PHASE MODULATION TECHNIQUE OF
 RESOLVING AMBIGUITIES FLIGHT TRIAL TO BARBADOS
 AUGUST 1966.# TECHNICAL REPORT.
 NO FOREIGN
 SEP 1967, 16 P, ILLUS, 5 REFS
 RAE-TR-67231
 AD-829 307L
 RADIO NAVIGATION
 PHASE MODULATION
 VERY LOW FREQUENCY
 NAVIGATIONAL AIDS
 POSITION FINDING
 AIRBORNE
 TECHNIQUES
 TEST METHODS
 OMEGA NAVIGATION

68 00746 NAT U
 01-E
 MOLYNEUX, W. G.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 PROPERTIES AND APPLICATIONS OF A CLASS
 OF ROTORS WITH CIRCULAR-ARC PROFILES.#
 NO FOREIGN
 OCT 1967, 22 P, ILLUS, 9 REFS
 RAE-TR-67276
 AD-829 179
 PUMPS
 MOTOR GENERATORS
 IMPELLERS
 BODIES OF REVOLUTION
 TRACTION

68 00747 NAT U
 01-G
 TREBBLE, W. J. G.
 KIRBY, D. A.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 REDUCTION OF THE ROLLING MOVEMENTS OF
 SLENDER WING MODELS BY THE APPLICATION OF
 FULL-AND PART-SPAN ANMEDRAL.#
 NO FOREIGN
 DEC 1967, 14 P, ILLUS, 3 REFS
 RAE-TR-67300
 AD-829 390
 ROLL
 REDUCTION
 DELTA WINGS
 WIND TUNNEL MODELS
 DEFLECTION
 AERODYNAMIC CONFIGURATIONS
 GITHIL PLATFORM
 GULE

68 00748 NAT U
 03-G
 ISAAC, S. D.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 TESTS AT SUBSONIC AND SUPERSONIC SPEEDS ON
 A CAMBERED WING WITH FIN, UNDERWING ENGINE
 NACELLES AND TRAILING EDGE CONTROL.
 NO FOREIGN
 SEP 1967, 28 P, ILLUS, 27 REFS
 RAE-TR-67217
 AD-829 355L
 SUPERSONIC FLIGHT
 SUBSONIC FLIGHT
 SLENDER WINGS
 ENGINE NACELLES
 WIND TUNNELS
 DESIGN
 ROLL
 DRAG
 PITCH /MOTION/
 TRAILING CONTROL SURFACES
 FINS
 ENGINE-WING CONFIGURATIONS

68 00749 NAT U
 01-C
 RIMMSTEIN, L.
 GASPERS, P. A., JR.
 RIDDLE, D. W.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
 AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
 AN EXPERIMENTAL STUDY OF THE INFLUENCE OF
 THE TURBULENT BOUNDARY LAYER ON PANEL
 FLUTTER.#
 GENERAL DISTRIBUTION
 MAR 1968, 52 P, ILLUS, TABLES, 20 REFS
 NASA-TN-D-4486
 N68-18721
 TURBULENT BOUNDARY LAYER
 FLUTTER
 AIRPLANE PANELS
 THICKNESS
 PRESSURE
 AERODELASTICITY
 TEMPERATURE
 TEST METHODS

68 00750 NAT U
 11
 SAKRAN, C. F., JR.
 MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
 EXPERIMENTAL ASTRONOMY LAB.
 TE-19 HYBRID DOPPLER-RADAR INERTIAL
 NAVIGATION TECHNIQUES FOR THE SUPERSONIC
 TRANSPORT AIRCRAFT.#
 GENERAL DISTRIBUTION
 JUN 1967, 47 P, ILLUS
 NASA-CR-92985
 N68-16747
 DOPPLER RADAR
 INERTIAL NAVIGATION
 TECHNIQUES
 SUPERSONIC TRANSPORTS
 DOPPLER SYSTEMS
 VELOCITY
 RESOLUTION
 ERRORS
 ANALYSIS
 GYRO COMPASSES
 TE-19 /NAVIGATIONAL AID/

68 00751 NAT U
11
SPICER, B. R.
MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
EXPERIMENTAL ASTRONOMY LAB.
YE-18 STUDY OF AIRCRAFT POSITION FIXING
USING THE NAVY NAVIGATIONAL SATELLITE SYSTEM.#
GENERAL DISTRIBUTION
MAY 1967, 49 P, ILLUS, 9 REFS
NASA-CR-92984
N68-16748
POSITION FINDING
NAVY
NAVIGATION SATELLITES
SUPERSONIC PLANES
SEPARATION
AIR TRAFFIC
ERRORS
FLIGHT PATHS
SIMULATION
COMPUTERS

68 00752 NAT U
02-N
KRZYWOBLOCKI, Z. A. V.
SLEPNIEWSKI, W. Z.
BOEING CO., MORTON, PENNA.
MICHIGAN, STATE UNIV., EAST LANSING.
APPLICATION OF OPTIMIZATION TECHNIQUES TO
THE DESIGN AND OPERATION OF V/STOL AIRCRAFT.#
GENERAL DISTRIBUTION
APR 1967, 25 P, ILLUS, TABLES, 22 REFS
OPTIMIZATION
TECHNIQUES
DESIGN
OPERATION
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
TILT WINGS
THEORY
MATHEMATICAL ANALYSIS

68 00753 NAT U
02-E
CAPTER, E. S., JR.
COOPER, D. E.
UNITED AIRCRAFT CORP. SIKORSKY AIRCRAFT DIV.,
STRATFORD, CONN.
SURVEY OF ROTARY WING HANDLING QUALITIES.#
GENERAL DISTRIBUTION
APR 1967, 21 P, ILLUS, 10 REFS
ROTARY WINGS
HANDLING
HOVERING
VERTICAL TAKE-OFF PLANES
INSTRUMENT FLIGHT
STANDARDS
DESIGN
MODELS /SIMULATION/
AIRFRAMES
FLIGHT CONTROL SYSTEMS
DAMPING

68 00754 NAT U
02-I
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT.
FARNBOROUGH, HANTS, ENGLAND.
CIVIL AIRCRAFT AIRWORTHINESS DATA
RECORDING PROGRAMME SPECIAL EVENTS OF AN
OPERATIONAL NATURE /FEBRUARY 1964 TO DECEMBER
1967.#
GENERAL DISTRIBUTION
NOV 1965, 4 P, ILLUS, 1 REF
RAE-TR-65242
AD-477 988
CIVIL AVIATION
AIRWORTHINESS
DATA
TAKE-OFF
CLIMBING
CRUISING
LANDINGS
JET TRANSPORT PLANES
RECORDING DEVICES
AIRSPEED
ACCELERATION
ATMOSPHERIC TEMPERATURE
CONTROL SURFACES

68 00755 NAT U
06-B
SMITHRICK, J. J.
MYERS, I. T.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND.
EFFECTS OF CABLE AND CIRCUIT PARAMETERS ON
THE PRECISION CALIBRATION OF A CHARGE
AMPLIFIER.#
GENERAL DISTRIBUTION
FEB 1968, 21 P, ILLUS, TABLES, 6 REFS
NASA-TN-D-6300
N68-16530
ELECTRIC CABLES
CIRCUITS
CALIBRATION
AMPLIFIERS

68 00756 NAT U
02-M
MUNTER, P. A.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
AN ANALYSIS OF VGM DATA FROM ONE TYPE OF
FOUR-ENGINE TURBOJET TRANSPORT AIRPLANE
DURING COMMERCIAL OPERATIONS.#
GENERAL DISTRIBUTION
FEB 1968, 47 P, ILLUS, TABLES
NASA-TN-D-6330
N68-16522
ANALYSIS
DATA
TURBOJET ENGINES
JET TRANSPORT PLANES
ATR CARRIERS
ACCELERATION
AIRSPEED
TURBULENCE
GUSTS
VELOCITY
LANDING IMPACT

68 00757
07-C
GRACEY, W.
SOMMER, R. W.
TIBBS, D. F.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
EVALUATION OF A CLOSED-CIRCUIT TELEVISION
DISPLAY IN LANDING OPERATIONS WITH A
HELICOPTER.#
GENERAL DISTRIBUTION
FEB 1968, 30 P, ILLUS, 0 REFS
NASA-TN-D-4313
N68-16594
ANALYSIS
TELEVISION DISPLAY SYSTEMS
LANDING
HELICOPTERS
TEST METHODS
FLIGHT INSTRUMENTS
AIRSPEEDS
ALTIMETERS

NAT U

68 00758
02-D
PRUST, H. W., JR.
SCHUM, H. J.
BEHNING, F. P.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND.
DETAILED ANALYTICAL AND EXPERIMENTAL
INVESTIGATION OF STATOR PERFORMANCE.#
PART II.
COLD-AIR INVESTIGATION OF A TURBINE
FOR HIGH-TEMPERATURE ENGINE APPLICATION.
GENERAL DISTRIBUTION
FEB 1968, 45 P, ILLUS, 7 REFS
NASA-TN-D-4416
N68-16632
COLD WEATHER TESTS
TURBINE STATORS
HIGH-TEMPERATURE RESEARCH
TURBINE BLADES
AERODYNAMIC CONFIGURATIONS
COOLING
SURFACE PROPERTIES
FLUID DYNAMIC PROPERTIES

NAT U

68 00759
01-D
LOCKWOOD, V. F.
PHILLIPS, W. P.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
MEASUREMENTS OF GROUND EFFECT ON A LOW-
ASPECT-RATIO WIGEE-WING AIRPLANE MODEL AND
CALCULATIONS OF LANDING-FLARE TRAJECTORIES.#
GENERAL DISTRIBUTION
JAN 1968, 38 P, ILLUS, TABLE, 4 REFS
NASA-TN-D-4329
N68-14090
MEASUREMENT
GROUND EFFECT
AIRPLANE MODELS
LANDING
PLANES
TRAJECTORIES
WINGS
AERODYNAMIC CONFIGURATIONS
THIN
WIND TUNNELS
WIGEE-WING

NAT U

68 00760
04-E
LELAND, T. J. H.
YAGER, T. J.
JOYNER, J. T.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
EFFECTS OF PAVEMENT TEXTURE ON WET-RUNWAY
BRAKING PERFORMANCE.#
GENERAL DISTRIBUTION
JAN 1968, 34 P, ILLUS, 9 REFS
NASA-TN-D-4323
N68-14903
PAVEMENTS
RUNWAYS
AIRCRAFT TIRES
FRICTION
LANDING
SURFACE PROPERTIES
MATERIALS
WATER
AIRCRAFT BRAKING

NAT U

68 00761
09-B
RUSSI, T. H.
WOOD, D. K.
BEYER, N. S.
ARGONNE NATIONAL LAB., ILL.
NON-DESTRUCTIVE INSPECTION OF ERB-II FUEL-
JACKET TUBING USING ELECTROMAGNETIC TECHNIQUES
.#
GENERAL DISTRIBUTION
MAY 1967, 20 P, ILLUS, 4 REFS
ANL-7334
N68-13938
NON-DESTRUCTIVE TESTING
ELECTROMAGNETISM
TECHNIQUES
PIPES
FUEL SYSTEMS
EDDY CURRENT

NAT U

68 00762
05-E
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT.
PRINCIPLES OF BIOAERODYNAMICS.#
PROLONGED ACCELERATION - LINEAR AND RADIAL.
GENERAL DISTRIBUTION
7/1967, 35 P, ILLUS, TABLES
N68-17144
ACCELERATION
PHYSICS
PHYSIOLOGY
ROTATION
CENTRIFUGES
TOLERANCES /PHYSIOLOGY/
MAN

NAT U

68 00763
01-D
SANDFORD, M. C.
RUBIN, C. L.
YATES, E. C., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
SUBSONIC AND TRANSONIC FLUTTER AND FLOW
INVESTIGATIONS OF THE T-TAIL OF A LARGE
MULTIJET CARGO AIRPLANE.#
GENERAL DISTRIBUTION
FEB 1968, 30 P, ILLUS, TABLES, 11 REFS
NASA-TN-D-4316
N68-17055
SUBSONIC FLOW
TRANSONIC FLOW
FLUTTER
JET TRANSPORT PLANES
WIND TUNNELS
AEROELASTICITY
T-TAIL AIRCRAFT

NAT U

68 00764 NAT U
01-D
SPREEMANN, K. P.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
WIND-TUNNEL INVESTIGATION OF LATERAL
AERODYNAMIC CHARACTERISTICS OF A POWERED
FLOUR-DUCT-PROPELLER VTOL MODEL IN
TRANSITION.
GENERAL DISTRIBUTION
FEB 1968, 76 P, ILLUS, 4 REFS
NASA-TN-D-4143
N68-17023
WIND TUNNEL MODELS
AERODYNAMIC CHARACTERISTICS
VERTICAL TAKE-OFF PLANES
TRANSITION FLIGHT
ROLL
YAW
CONTROL SURFACES
ANGLE OF ATTACK

68 00765 NAT U
09-A
PALMER, M.
STAUFFER CHEMICAL CO., LOS ANGELES.
DEVELOPMENT OF CONFIGURATIONS AND
COMBINATIONS OF POLYURETHANE FOAM TO PRODUCE
MAXIMUM EFFICIENCY IN PACKAGE CUSHIONING
MATERIALS.
GENERAL DISTRIBUTION
MAY 1967, 13H P, ILLUS, TABLES
AD-810 455
DESIGN
CONTAINERS
RUBBER
SHOCK /MECHANICS/
ABSORPTION /PHYSICAL AND PHYSICOCHEMICAL
TECHNIQUES
TEST METHODS
CREEP
STANDARDS
POLYURETHANE FOAM
CUSHIONING

68 00766 NAT U
2-A
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
NEWS OF INSTITUTIONS OF HIGHER LEARNING.
AERONAUTICAL ENGINEERING. /COLLECTION OF
ARTICLES/
GENERAL DISTRIBUTION
APR 1967, 182 P, ILLUS, TABLES
FTD-MT-64-72
AD-663 935
REPORTS
AERONAUTICS
ENGINEERING
DIFFERENTIAL EQUATIONS
SIGNALS
PROPAGATION
PERTURBATION THEORY
HYPERSONIC FLOW
AIRCRAFT
STABILITY
SANDWICH PANELS
HEAT TRANSFER
VIBRATION
TURBULENCE
FLUID FLOW
TURBOJET ENGINES
THRUST REVERSE
CUTTING
DELTA WINGS
BALANCES
VOLUME
VELOCITY
ROTATION

68 00767 NAT U
02-D
KUZMIN, G. A.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
AIRCRAFT ENGINE DESIGN.
GENERAL DISTRIBUTION
JUN 1967, 404 P, ILLUS
FTD-MT-64-402
AD-663 929
AIRPLANE ENGINES
DESIGN
GAS TURBINES
COMPRESSORS
SHAFTS
EXHAUST SYSTEMS
AFTERBURNERS
LUBRICATION
FUEL SYSTEMS
MECHANICS
PISTONS
IGNITION

68 00768 NAT U
09-A
GRAFF /W. H./ AND CO. RESEARCH DIV.,
CLARKSVILLE, MD.
THERMALLY STABLE HYDRAULIC FLUIDS.
PART I.
GOVERNMENT AGENCIES ONLY
JUL 1967, 45 P, ILLUS, 18 REFS
AFML-TR-67-183, PART I
AD-825 763L
HYDRAULIC FLUIDS
TEMPERATURE
STABILITY
ORGANIC COMPOUNDS
POLYMERS
INORGANIC COMPOUNDS
HEAT TRANSFER

68 00769 NAT U
09-D
MARTIN, G., DR.
MOORE, J. F.
NORTH AMERICAN AVIATION, INC., COLUMBUS, OHIO.
RESEARCH AND DEVELOPMENT OF NON-DESTRUCTIVE
TESTING TECHNIQUES FOR COMPOSITES.
NO FOREIGN
NOV 1967, 136 P, ILLUS, TABLES
AFML-TR-67-166
NA-67-425
AD-825 636
DESIGN
NON-DESTRUCTIVE TESTING
COMPOSITE MATERIALS
TECHNIQUES
RADIOGRAPHY
ACOUSTICS
ELECTROMAGNETISM
ULTRASONIC RADIATION
DENSIMETERS
FIBERS
METALS
EDDY CURRENT

68 00770 NAT U
09-D
OMNYSTV, B.
STETSON, A. R.
AIR FORCE MATERIALS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
EVALUATION OF COMPOSITE MATERIALS FOR GAS
TURBINE ENGINES.#
NO FOREIGN
DEC 1967, 127 P, ILLUS, TABLES, 10 REFS
AF33/6157-2574
AFML-TR-66-156
KDR-1391-7
AD-825 844
GAS TURBINES
COMPOSITE MATERIALS
HEAT-RESISTANT MATERIALS
OXIDATION
FATIGUE /MECHANICS/
TENSILE PROPERTIES
FRICTION
MECHANICAL PROPERTIES
STRESSES

68 00771 NAT U
10-D
LADDER, D. D.
NEW YORK UNIV., NEW YORK. GEOPHYSICAL SCIENCES
LAB.
A CLIMATOLOGICAL-WIND TURBULENCE MODEL FOR
ESTIMATING LOW ALTITUDE GUST LOADS.#
NO FOREIGN
JAN 1968, 63 P, ILLUS, TABLES, 11 REFS
AF33/6157-2566
AFML-TR-67-122
AD-825 843
AD-825 840
TURBULENCE
ATMOSPHERE MODELS
LOW ALTITUDE
GUST LOADS
MEASUREMENT
WIND
STATISTICAL DATA
TECHNICAL
SURFACE PROPERTIES
ATMOSPHERIC TEMPERATURE
STABILITY
VELOCITY
SEASONAL VARIATIONS

68 00772 NAT U
08-D
DEBROS, A.
SCHEFFLER, F. C.
SNIDEL, J. D.
DAYTON UNIV., OHIO. RESEARCH INST.
INSTRUMENT AND EXPERIMENTAL EVALUATION OF
AERIAL SYSTEM FOR AIRBORNE CONTROL-
DISPLAY INFORMATION.#
GENERAL DISTRIBUTION
NOV 1967, 168 P, ILLUS, TABLES, 16 REFS
AF33/5157-5110
AD-861 756
INFORMATION RETRIEVAL
DESIGN
AIR FORCE
DISPLAY SYSTEMS
MODEL TESTS
ANALYSIS
COORDINATE INDEXING

68 00773 NAT U
06-C
OPENO, J. G.
SYRACUSE UNIV., N. Y. ELECTRICAL ENGINEERING
DEPT.
OPTIMIZATION OF PERFORMANCE INDICES ON
DISCRETE ARRAY SYSTEMS.#
GENERAL DISTRIBUTION
NOV 1967, 36 P, ILLUS, 7 REFS
AF19/6267-5668
FCRL-67-0650
AD-824 082
ANTENNA CONFIGURATIONS
SIGNAL-TO-NOISE RATIO
OPTIMIZATION
GAIN

68 00774 NAT U
02-F
BRENNAN, W. T.
ERSEN, M. E.
TAYLOR, J. C.
HONEYWELL, INC., MINNEAPOLIS.
ARMY ADVANCED AFCS STUDY.# PHASE II.
FINAL REPORT, BOOK II.
DDO ONLY
OCT 1966, 404 P, ILLUS, TABLES, 11 REFS
ECUM-TR-01-276-6
AD-822 566L
ARMY
FLIGHT CONTROL SYSTEMS
AUTOMATIC
TECHNIQUES
RELIABILITY
MAINTAINABILITY
STABILITY
CONTAINERS
MATHEMATICAL PREDICTION
HELICOPTERS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES

68 00775 NAT U
02-F
BRENNAN, W. T.
ERSEN, M. E.
TAYLOR, J. C.
HONEYWELL, INC., MINNEAPOLIS.
ARMY ADVANCED AFCS STUDY.# PHASE II.
FINAL REPORT, BOOK II.
DDO ONLY
OCT 1966, 482 P, ILLUS, 69 REFS
DA-28-043-AMC-01216-1E1
ECUM-01216-6
AD-822 566
ARMY
MATHEMATICAL PREDICTION
TECHNIQUES
ELECTRONIC EQUIPMENT
FLIGHT CONTROL SYSTEMS
AUTOMATIC
HELICOPTERS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES

68 00776 NAT U
06-J
BERG, D. S.
COX, E. E.
GROGINSKY, M. L.
MISCHO, J.
MURKS, G. A.
RAYTHEON CO., WATLAND, MASS.
SYSTEMS ANALYSIS AND ADDITIONAL
INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND
PULSE DOPPLER RADAR.#
GENERAL DISTRIBUTION
DEC 1966, 237 P, ILLUS, TABLES, 59 REFS
AFGRL-67-0182
AD-663 442
DOPPLER RADAR
C-BAND
DATA PROCESSING SYSTEMS
INSTRUMENTATION
SENSITIVITY
ANALYSIS
DIGITAL COMPUTERS
PORCUPINE RADAR SYSTEM

68 00777 NAT U
07-F
LEW, D. W.
DYDA, K. J.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
NORTH AMERICAN AVIATION, INC., LOS ANGELES.
GROUND-BASED SIMULATION TECHNIQUES.#
GENERAL DISTRIBUTION
OCT 1967, 62 P, ILLUS, TABLES, 62 REFS
DA-44-177-AMC-406/1/
USAAVLABS-TP-67-56
AD-664 447
SIMULATION
TECHNIQUES
COMPUTERS
COCKPITS
CONTROL SYSTEMS
MOTION
DISPLAY SYSTEMS
PILOTS
MILITARY AIRCRAFT
HANDLING

68 00778 NAT U
02-D
DEAN, F. M.
PHAGER, P. G.
SCHNEIDER, J. J.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
FEASIBILITY STUDY OF CRUISE FAN PROPULSION
SYSTEMS AND ASSOCIATED POWER TRANSFER SYSTEM
FOR COMPOUND/COMPOSITE AIRCRAFT.#
GENERAL DISTRIBUTION
SEP 1967, 436 P, ILLUS, 27 REFS
DA-44-177-AMC-336/1/
USAAVLABS-TR-67-28
AD-663 831
FEASIBILITY STUDIES
PROPULSION
AIRCRAFT
ENGINEING
FANS
CONFIGURATION
AERODYNAMICS
POWER
MILITARY AIRCRAFT
HELICOPTERS
COMPOUND/COMPOSITE AIRCRAFT

68 00779 NAT U
02-H
CURTISS, M. C., JR.
PUTMAN, W. F.
LEBACQZ, J. V.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
AN EXPERIMENTAL INVESTIGATION OF THE
LONGITUDINAL DYNAMIC STABILITY
CHARACTERISTICS OF FOUR-PROPELLER TILT-WING
VTOL MODEL.#
GENERAL DISTRIBUTION
SEP 1967, 123 P, ILLUS, 19 REFS
DA-44-177-AMC-8/1/
USAAVLABS-TR-66-80
AD-663 848
TILT WINGS
VERTICAL TAKE-OFF PLANES
STABILITY
AIRPLANE MODELS
ROLL
TEST METHODS
FLIGHT CONTROL SYSTEMS
PERTURBATIONS

68 00780 NAT U
02-G
DE LA CIERVA, J.
FRASER, D. B.
WILSON, P. B., JR.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
DYNASCIENCES CORP., BLUE BELL, PENNA.
FABRICATION AND TESTING OF AN ACTIVE
ELECTROSTATIC DISCHARGER SYSTEM FOR THE
CH-47 HELICOPTER.#
GENERAL DISTRIBUTION
OCT 1967, 63 P, ILLUS, TABLES
DA-44-177-AMC-114/1/
USAAVLABS-TR-67-60
AD-664 201
DESIGN
HELICOPTERS
ELECTROSTATICS
ELECTRIC DISCHARGES
AVIATION SAFETY
MECHANICAL PROPERTIES
ENVIRONMENTAL TESTS
FLIGHT TESTING
CH-47 AIRCRAFT

68 00781 NAT U
09-B
NIXON, J.
BEERBOWER, A.
PHILIPPOFF, W.
LORENZ, P. A.
WALLACE, T. J.
ESSO RESEARCH AND ENGINEERING CO., LINDEN,
N.
INVESTIGATION AND ANALYSIS OF AIRCRAFT
FUEL EMULSION.#
GENERAL DISTRIBUTION
DA-44-177-AMC-387/1/
USAAVLABS-TR-67-62
AD-827 091
ANALYSIS
FUEL THICKENERS
FIRE SAFETY
TEST METHODS
JP-4 FUEL

68 00782 NAT U
 02-G
 LANCASTER, T.
 KALPAS, R.
 BUEING CO., MORTON, PENNA.
 HEAVY-LIFE HELICOPTER 40,000-POUND-CAPACITY
 EXTERNAL CARGO HANDLING SYSTEM, DESIGN STUDY.#
 DDD ONLY
 OCT 1967, 420 P, ILLUS, 21 PFFS
 DA-44-177-AMC-435/T/
 DB-0491
 USAF/AFS-TRI67-51
 AH-426 531L
 HELICOPTERS
 CARGO
 HANDLING
 DESIGN
 HOISTS
 AVIATION SAFETY
 COSTS
 AIRWORTHINESS
 STRESSES
 PROCUREMENT

68 00783 NAT U
 00-R
 GILLEN, J.
 MESARD, R.
 AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y.
 PRECISION FOR DEVELOPMENT AND FLIGHT TEST
 PROGRAM.# VOLUME I, FINAL REPORT
 GENERAL DISTRIBUTION
 AUG 1967, 40 P, ILLUS
 FA-69WA-105H
 AIL-MD-67-58.1
 AD-606 575
 VOR /VHF OMNIDIRECTIONAL RADIO RANGE/
 DESIGN
 FLIGHT TESTING
 DOPPLER SYSTEM
 SIGNAL GENERATORS
 INTEGRATED CIRCUITS
 MONITORS
 STANDARDS
 COMPUTERS
 HMLADBAND
 PVOR /M/ /PRECISION MULTILOBE PVOR/

68 00784 R NAT U
 13-C
 LITWANCE, N. A.
 FEDERAL AVIATION ADMINISTRATION,
 WASHINGTON, D. C.
 AVIATION WEATHER REVIEW GROUP.#
 FINAL REPORT.
 OFFICIAL USE ONLY
 JUL 1967, 64P
 WEATHER SYSTEMS /AERONAUTICS/
 AAA /AVIATION WEATHER REVIEW GROUP/

68 00785 R NAT U
 13-A
 FEDERAL AVIATION ADMINISTRATION,
 WASHINGTON, D. C.
 FAA AND THE EXPANDING AIRMAIL TRAFFIC.#
 CASE STUDY.
 GENERAL DISTRIBUTION
 FEB 1967, 11 P, TABLES
 FEDERAL AVIATION ADMINISTRATION
 AIR TRANSPORTATION
 ECONOMICS
 LABOR
 NEW YORK METROPOLITAN AREA
 COMPARATIVE STUDIES
 EMPLOYMENT

68 00786 R NAT U
 13
 FEDERAL AVIATION ADMINISTRATION,
 SYSTEMS RESEARCH AND DEVELOPMENT SERVICE,
 WASHINGTON, D. C.
 FAA/DOD AIR DIRECT ALTITUDE AND IDENTITY
 READOUT (DAIR) EQUIPMENT.# STATUS SUMMARY.
 GENERAL DISTRIBUTION
 FEB 1968, 26 P, ILLUS
 FEDERAL AVIATION ADMINISTRATION
 DEPARTMENT OF DEFENSE
 RADAR EQUIPMENT
 SYSTEMS ENGINEERING
 RADAR BEACONS
 AIR TRAFFIC CONTROL SYSTEMS
 IDENTIFICATION
 ALTITUDE
 DETECTION
 TRACKING
 IR /DIRECT ALTITUDE AND IDENTITY READOUT/
 FAA/DOD COORDINATION
 AIRS /TRACKS, TRF, MARK AIR, SYSTEMS/

68 00787 R NAT U
 00-J
 ROSE, R.
 FEDERAL AVIATION ADMINISTRATION, SYSTEMS
 RESEARCH AND DEVELOPMENT, WASHINGTON, D. C.
 AIR TRAFFIC CONTROL RADAR BEACON SYSTEM
 (ATCRBS) MODE 3/A IDENTITY REPLY AND
 EQUIVALENT MODE C ALTITUDE CODE.# TECHNICAL
 REPORT.
 GENERAL DISTRIBUTION
 FAA-RD-68-1
 AD-606 559
 FEDERAL AVIATION ADMINISTRATION
 AIR TRAFFIC CONTROL SYSTEMS
 RADAR BEACONS
 ALTITUDE
 RADAR TRANSMITTERS
 DATA TRANSMISSION SYSTEMS
 CODING
 RADAR HANDOFF
 DETECTION
 TRACKING

68 00788 R NAT U
 13-A
 FEDERAL AVIATION ADMINISTRATION,
 WASHINGTON, D. C.
 INDUSTRIAL AND COMMERCIAL PROFILE.#
 GENERAL DISTRIBUTION
 DEC 1967, 46 P, ILLUS
 URBAN AREAS
 INDUSTRIES
 COMMERCE
 WAGES
 TRANSPORTATION
 RAILROADS
 SHIPS
 PASSENGERS
 PASSENGER VEHICLES
 CARGO
 AIR TRANSPORTATION
 ECONOMICS
 LABOR
 NEW YORK METROPOLITAN AREA
 COMPARATIVE STUDIES
 EMPLOYMENT

6A 00789
05-B
LEWIS, M. F.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
CROSS-MODALITY MATCHING OF LOUDNESS TO
BRIGHTNESS FOR FLASHES OF VARYING LUMINANCE
AND DURATION.
GENERAL DISTRIBUTION
AUG 1967, 8 P, ILLUS, 9 REFS
FAA-AM-6716
AD-664 463
FEDERAL AVIATION ADMINISTRATION
AVIATION MEDICINE
INTENSITY
BRIGHTNESS
SIGNAL LIGHTS
NIGHT FLIGHT
VISION
PERCEPTION
SOUND
THEORY
CROSS-MODALITY MATCHING

R NAT U

6A 00790
05-B
VEREGGE, E. J.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
TYPE AIRMAN CERTIFICATION AS RELATED TO
ACCIDENTS.
GENERAL DISTRIBUTION
OCT 1967, 11 P, ILLUS
FAA-AM-67-23
AD-664 464
PILOTS
LICENSING
ACCIDENT INVESTIGATION
AVIATION ACCIDENTS
INSTRUMENT FLIGHT
VISUAL FLIGHT
GENERAL AVIATION AIRCRAFT
STANDARDS
TRAINING
PHYSICAL FITNESS
FEDERAL AVIATION ADMINISTRATION,
AVIATION MEDICINE

R NAT U

6B 00791
05-B
GOGEL, W. C.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
CUE-ENHANCEMENT AS A FUNCTION OF TASK-SET.
GENERAL DISTRIBUTION
AUG 1967, 5 P, ILLUS
FAA-AM-67-18
AD-664 466
FEDERAL AVIATION ADMINISTRATION
AVIATION MEDICINE
VISION
SPACE PERCEPTION
SIZE CUES

R NAT U

6A 00792
05-B
MUMFORD, N. H., JR.
REBEL, R. H.
KISS, A. PH.
VEREGGE, E. J.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
AIRCRAFT ACCIDENTS BY OLDER PERSONS.
GENERAL DISTRIBUTION
OCT 1967, 5 P, TABLE
FAA-AM-67-22
AD-664 467
GENERAL AVIATION AIRCRAFT
PILOTS
LICENSING
ACCIDENT INVESTIGATION
AGING /PHYSIOLOGY/
STATISTICAL ANALYSIS

R NAT U

6B 00793
09-G
SAUER, E. K.
MONISMITH, C. L.
SASKATCHEWAN UNIV., SASKATOON,
CALIFORNIA UNIV., BERKELEY.
THE INFLUENCE OF SOIL SUCTION ON THE
BEHAVIOR OF A GLACIAL TILL SUBJECTED TO
REPEATED LOADING.
GENERAL DISTRIBUTION
JAN 1968 20 P, ILLUS, TABLES, 36 REFS
SOILS
PAVEMENTS
ROADS
LOADING /MECHANICS/
SURFACE PROPERTIES
ENVIRONMENTAL TESTS
MOISTURE
DEFLECTION
MEASUREMENT
DESIGN
RESILIENCE
SOIL SUCTION

NAT U

6A 00794
08-E
DOERING CO., RENTON, WASH.
RELIABILITY MAINTAINABILITY - CONCEPTS AND
TECHNIQUES IN DESIGN OF AIRCRAFT SYSTEMS AND
COMPONENTS.
GENERAL DISTRIBUTION
1967, 19 P, ILLUS
AD-664 370
AIRCRAFT EQUIPMENT
RELIABILITY
MAINTAINABILITY
DESIGN
TECHNIQUES
LANDING GEAR
HYDRAULIC SYSTEMS
ECONOMICS
AVIATION SAFETY
AIRCRAFT SYSTEMS

NAT U

6B 00795
08-E
SOLAND, A. M.
RESEARCH ANALYSIS CORP., MCLEAN, VA.
A RENEWAL THEORETIC APPROACH TO THE
ESTIMATION OF FUTURE DEMAND FOR REPLACEMENT
PARTS.
GENERAL DISTRIBUTION
AUG 1967, 29 P, ILLUS, 7 REFS
DA-44-188-ARO-1
NAC-TP-261
AD-664 754
MAINTENANCE
THEORY
FAILURE /MECHANICS/
PROBABILITY
RENEWAL THEORY

NAT U

6A 00796
08-E
JONAS, G. H.
BALLISTIC RESEARCH LABS., ABERDEEN PROVING
GROUND, MD.
DOUBLE SAMPLING FOR DESTRUCTIVE TESTING.
GENERAL DISTRIBUTION
DEC 1967, 54 P, TABLES, 6 REFS
NRL-R-1192
AD-664 762
EQUATIONS
STATISTICAL PROCESSES
QUALITY CONTROL
MANUFACTURING METHODS
DESTRUCTIVE TESTING
STATISTICAL SAMPLING

NAT U

68 00797 NAT U
13-A
DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA.
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME I.
GENERAL DISTRIBUTION
NOV 1967, 119 P
DCA-1429-TR-9
AIR TRANSPORTATION
DESIGN
SYSTEMS ENGINEERING
BIBLIOGRAPHIES
SCHEDULING
TRANSPORTATION
DATA PROCESSING SYSTEMS
COMMUNICATION SYSTEMS
ECONOMICS
MATHEMATICAL MODELS
LOGISTICS

68 00798 NAT U
13-A
DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA.
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME II.
GENERAL DISTRIBUTION
NOV 1967, 120 P
DCA-1429-TR-9
AD-664 995
TRANSPORTATION
SYSTEMS ENGINEERING
DESIGN
BIBLIOGRAPHIES
DATA PROCESSING SYSTEMS
AUTOMATIC
CARGO

68 00799 NAT U
13-A
DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA.
TRANSPORTATION PLANNING SYSTEM
BIBLIOGRAPHY.0 VOLUME III.
GENERAL DISTRIBUTION
NOV 1967, 120 P
DCA-1429-TR-9
AD-664 996
TRANSPORTATION
SYSTEMS ENGINEERING
DESIGN
BIBLIOGRAPHIES
COMMUNICATION SYSTEMS
ECONOMICS
TRANSOCEANIC
TRANSPORTATION FACILITIES

68 00800 NAT U
13-A
DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA.
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME IV.
GENERAL DISTRIBUTION
NOV 1967, 120 P
DCA-1429-TR-9
AD-664 997
TRANSPORTATION
SYSTEMS ENGINEERING
DESIGN
BIBLIOGRAPHIES
LOGISTICS
MANAGEMENT ENGINEERING

68 00801 NAT U
13-A
DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA.
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME V.
GENERAL DISTRIBUTION
NOV 1967, 157 P
DCA-100-67-C-0020
1429-TR-9
AD-664 998
TRANSPORTATION
DESIGN
SYSTEMS ENGINEERING
BIBLIOGRAPHIES
MATHEMATICAL MODELS

68 00802 NAT U
13-A
DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA.
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME VI.
GENERAL DISTRIBUTION
NOV 1967, 45 P
DCA-100-67-C-0020
1429-TR-9
AD-665 014
TRANSPORTATION
DESIGN
SYSTEMS ENGINEERING
BIBLIOGRAPHIES
RAILROADS
ROADS

68 00803 NAT U
13-A
DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA.
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME VII.
GENERAL DISTRIBUTION
NOV 1967, 150 P
DCA-100-67-C-0020
1429-TR-9
AD-664 999
TRANSPORTATION
DESIGN
SYSTEMS ENGINEERING
BIBLIOGRAPHIES
WATER
SPECIAL PROBLEM

68 00804 NAT U
09-G
TSAL, K. W.
PRINCETON UNIV., N. J. SCHOOL OF ENGINEERING
AND APPLIED SCIENCE, DEPT. OF CIVIL AND
GEOLOGICAL ENGINEERING.
STRENGTH RESPONSE PARAMETERS OF NATURAL
SOIL SURFACES AND THEIR APPLICATION TO THE
LANDING PROBLEM OF AIRCRAFT.
GENERAL DISTRIBUTION
JAN 1967, 69 P, ILLUS
AF1916283-5873
AFRL-67-0583
AD-666 055
SOIL MECHANICS
LANDING IMPACT
AIRCRAFT
RESPONSE
METERS
DECELERATION
THEORY
ANALYSIS
MATHEMATICAL MODELS
SPACE TECHNOLOGY
DEFORMATION
TENSILE PROPERTIES
STRENGTH RESPONSE
PENETRATOR
RHEOLOGICAL MODEL
COMPARATIVE STUDIES

68 00805 NAT U
01-G
GEORGE, M.
KISIELOWSKI, E.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
INVESTIGATION OF PROPELLER SLIPSTREAM
EFFECTS ON WING PERFORMANCE.
GENERAL DISTRIBUTION
NOV 1967, 212 P, ILLUS, TABLES, 7 REFS
DA-44-177-AMC-394(T)
USAAVLABS-TR-67-67
AD-666 247
PROPELLERS /AERIAL/
SLIPSTREAM
WINGS
OPERATION
EFFECTIVENESS
AERODYNAMIC FORCES
PITCH /MOTION/
THEORY
ANALYSIS
WIND TUNNELS
LIFT
DRAG
MODEL TESTS
VELOCITY
COMPARATIVE STUDIES

68 00806 NAT U
01-G
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
FLEXIBLE WING TOWED UNIVERSAL GLIDER.
GENERAL DISTRIBUTION
OCT 1967, 190 P, ILLUS
DA-44-177-AMC-179(T)
USAAVLABS-TR-67-57
AD-666 248
GLIDERS
PIE-IRLE STRUCTURES
WINGS
TOWED VEHICLES
DESIGN
ENGINEERING
ANALYSIS
AERODYNAMICS
HELICOPTERS
TOWING CABLES
LOADING /MECHANICS/
FLIGHT TESTING
FORCES /MECHANICS/

68 00807 NAT U
09-F
NORDBY, G. M.
CRISMAN, W. C.
HERT, C. W.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
FABRICATION AND FULL-SCALE STRUCTURAL
EVALUATION OF SANDWICH SHELLS OF REVOLUTION
COMPOSED OF FIBER GLASS REINFORCED PLASTIC
FACINGS AND HONEYCOMB CORES.
GENERAL DISTRIBUTION
NOV 1967, 110 P, ILLUS, TABLES, 47 REFS
DA-44-177-AMC-164(T)
USAAVLABS-TR-67-65
AD-666 440
CONSTRUCTION
ENGINEERING
ANALYSIS
SANDWICH CONSTRUCTION
GLASS TEXTILES
LAMINATED PLASTICS
HONEYCOMB CORES
TEST EQUIPMENT
DESIGN
MODELS OF REVOLUTION
AERODYNAMIC LOADING
BUCKLING /MECHANICS/
STRUCTURAL SHELLS
COMPARATIVE STUDIES
TORSION /MECHANICS/
BENDING /MECHANICS/

68 00808 NAT U
02-I
FOLLOWILL, R. J.
ARMY AVIATION TEST BOARD,
FORT RUCKER, ALA.
SERVICE TEST OF THE LIGHTWEIGHT,
INDIVIDUAL SURVIVAL KIT.
GENERAL DISTRIBUTION
NOV 1967, 61 P, 8 REFS
USATECOM-PROJ-4-7-3004-02
AD-823 261
SURVIVAL KITS
EFFECTIVENESS
SAFETY
TRAINING
LOGISTICS
TEST METHODS
FLIGHT CREWS
ENVIRONMENTAL TESTS
FUNCTIONAL SUITABILITY
SHORTCOMINGS
PHYSICAL CHARACTERISTICS

68 00809 NAT U
06-C
WALKER, N. A.
OHIO STATE UNIV., COLUMBUS, ELECTRO
SCIENCE LAB.
DIGITAL CONTROL CIRCUITRY FOR ELECTRONIC
BEAM STEERING AND SHAPING OF SLOT ANTENNAPIER
ARRAYS.
GENERAL DISTRIBUTION
NOV 1967, 119 P, ILLUS, 8 REFS
AF3316151-3384
ELECTROSCIENCE LAB-2142-9
AD-823 946
DIGITAL SYSTEMS
CIRCUITS
ELECTRONIC SCANNERS
SLOT ANTENNAS
CONTROL
PHASE SHIFTERS
SYNCHRONIZATION /ELECTRONICS/
DESIGN
ANALYSIS
CONSTRUCTION
OPERATION
BEAMS /ELECTROMAGNETIC/
ANTENNA CONFIGURATIONS
AMPLIFIERS
PHASE DELAY NETWORK

68 00810 NAT U
02-I
PEACE, D. J.
CANADA. NATIONAL RESEARCH COUNCIL, OTTAWA.
SOME ADDITIONAL LOW SPEED BIRD IMPACT TESTS
ON A MODIFIED WINDSHIELD OF THE CL-41 TUTOR
AIRCRAFT.
GENERAL DISTRIBUTION
AUG 1967, 19 P, ILLUS, TABLES
NRC-MAL-LR-688
AD-825 078
BIRDS
IMPACT SHOCK
WINDSHIELDS
TEST EQUIPMENT
LOW-TEMPERATURE RESEARCH
PENETRATION
LAMINATED GLASS
VINYL PLASTICS
JET TRAINING PLANES
CL-41 TUTOR AIRCRAFT
SPLINTER SHIELD
RESISTANCE /MECHANICS/

68 00811 NAT U
02-E
TYLER, J. S., JR.
CORNELL AERONAUTICAL LAB., INC., BUFFALO.
STUDY OF MODELS IN LINEAR OPTIMAL
CONTROL THEORY AND APPLICATION TO VARIABLE
STABILITY AIRPLANE CONTROL SYSTEM.#
GENERAL DISTRIBUTION
NOV 1967, 71 P, ILLUS, TABLES, 16 REFS
CAL-IM-1836-F-1
AD-825 437
LINEAR SYSTEMS
OPTIMIZATION
CONTROL SYSTEMS
THEORY
AIRPLANES
STABILITY
MATHEMATICAL MODELS
SYNTHESIS
TECHNIQUES
ANALYSIS
FEEDBACK
GAIN
MODEL-IN-THE PERFORMANCE INDEX
MODEL-IN-THE SYSTEM
APPLICATION

68 00812 NAT U
06-C
WIDROW, B.
GRIFFITHS, L.
MANLEY, P. F.
GOODE, B.
STANFORD UNIV., CALIF. CENTER FOR SYSTEMS
RESEARCH.
ADAPTIVE ANTENNA SYSTEMS.#
GENERAL DISTRIBUTION
SEP 1967, 74 P, ILLUS, 31 REFS
NORSK-95038
N00123-67-C-1644
SU-SEL-67-084
SU-TR-6778-3
AD-827 966
ANTENNAS
ADAPTIVE CONTROL SYSTEMS
FILTERS /ELECTROMAGNETIC WAVE/
FREQUENCY
LEAST SQUARES METHOD
ANTENNA FIELDS
PROCESSING
DIRECTION FINDING
RADIOFREQUENCY INTERFERENCE
ANALOG-TO DIGITAL CONVERTERS
ANTENNA CONFIGURATIONS
SPATIAL

68 00813 NAT U
01-D
HUNN, R. A., LT. COL. USAF
PRIANT, C. W., CAPT. USAF
KRAJICEK, J. J., JR., LT. COL. USAF
AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB,
CALIF.
CATEGORY II/III SYSTEMS EVALUATION.#
NO FOREIGN
FEB 1968, 293 P, ILLUS, TABLES, 33 REFS
FTE-TR-68-47
AD-828 445
OPERATIONS RESEARCH
RESOURCES
SIGHT FLIGHT
EIGHTING EQUIPMENT
PROPELLERS /AERIAL/
CIRCUITS
PARACHUTES
SURFACE-TO-AIR
RECOVERY
STANDARDS
TRANSPORT PLANES
FLIGHT TESTING
MILITARY AIRCRAFT
MODERN AIRCRAFT
AVIONICS SYSTEMS

68 00814 NAT U
04-C
SWIFT, C. L.
MATHER, L. M.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
THE INPUT ADMITTANCE OF A RECTANGULAR
APERTURE ANTENNA LOADED WITH A DIELECTRIC
PLUG.#
GENERAL DISTRIBUTION
APR 1968, 26 P, ILLUS, 4 REFS
NASA-TN-D-4430
N68-20333
AIRPLANE ANTENNAS
ELECTRICS
ELECTRIC CONNECTORS
ADMITTANCE
WAVEGUIDES
CAVITY RESONATORS
BOUNDARY VALUE PROBLEMS
INPUT
APERTURE

68 00815 NAT U
13-C
GOLDMAN, L. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LEWIS RESEARCH CENTER, CLEVELAND.
ANALYSIS OF IMPULSE TURBINE-BLADE SECTION
.# PART II.
ANALYTICAL INVESTIGATION OF SUPERSONIC
TURBOMACHINERY BLADING.
GENERAL DISTRIBUTION
APR 1968, 22 P, ILLUS, TABLE, 5 REFS
NASA-TN-D-4422
N68-20276
ANALYSIS
SUPERSONIC FLOW
ROTOR BLADES /TURBOMACHINERY/
GEOMETRIC FORMS
MACH NUMBER
DESIGN
VORTICES
SPECIFIC HEAT
VELOCITY
STARTING
SEPARATION
TURBINE BLADES
AXIAL VELOCITY

68 00816 NAT U
01-E
WINSTON, M. M.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
AN INVESTIGATION OF EXTREMELY FLEXIBLE
LIFTING ROTORS.#
GENERAL DISTRIBUTION
APR 1968, 27 P, ILLUS, 6 REFS
NASA-TN-D-4465
N68-19954
FLEXIBLE STRUCTURES
ROTORS /ROTARY WINGS/
ANALYSIS
AIRFOILS
DEFORMATION
AERELASTICITY
STIFFENED CYLINDERS
HOVERING
CAMBER
DESIGN
LIFTING

68 00817 NAT U
04-E
MORNE, M. S.
YAGER, E. J.
TAYLOR, G. R.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
REVIEW OF CAUSES AND ALLEVIATION OF LOW
TIRE TRACTION ON WET RUNWAYS.#
GENERAL DISTRIBUTION
APR 1968, 36 P, ILLUS, 25 REFS
NASA-TN-D-4406
N68-19620
RUNWAYS
HYDROPLANING
DYNAMICS
VISCOSITY
BRAKES
AIR
JETS
PAVEMENTS
SURFACE PROPERTIES
AIRCRAFT TIRES
AIRCRAFT BRAKING
TRACTION
WET
TREAD REVERSION
SHOOVING

68 00818 NAT U
07-D
HWACH, F. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND.
OUT-OF-THE-ECLIPSE-PLANE PROBE MISSION
EMPLOYING ELECTRIC PROPULSION.#
GENERAL DISTRIBUTION
APR 1968, 34 P, ILLUS, TABLES, 14 REFS
NASA-TN-D-4455
N68-19581
SPACECRAFT
ELECTRIC PROPULSION
BOOSTER ROCKETS
SON
EQUATORIAL ORBIT TRAJECTORIES
EQUATIONS
POWER PLANTS /AIRCRAFT/
OUT-OF-THE-ECLIPSE
PROBE MISSION
PAYLOAD

68 00819 NAT U
08-J
VERONE, D. W.
SUZANSKY, J. W.
LOCKHEED ELECTRONICS CO., PLAINFIELD, N. J.
RESEARCH STUDY OF AN AIRCRAFT-CONTAINED
RADAR ZERO-ZERO LANDING SYSTEM.# VOLUME I.
FINAL REPORT.
GENERAL DISTRIBUTION
DEC 1967, 157 P, ILLUS
N68-19635
RADAR LANDING CONTROL
AIRCRAFT
RADAR EQUIPMENT
VISIBILITY
SIGHTING
RADAR SCANNING
DISPLAY SYSTEMS
VISUAL SIGNALS
DISTANCE
INSTRUMENT LANDING
SYSTEMS
ZK40-ZK41
NOTION OF GUIDANCE
IMPLEMENTATION

68 00820 NAT U
02-M
COPELAND, M. L.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
NOISE MEASUREMENTS DURING TAKE-OFF-CLIMB/OUT
OPERATIONS OF JET TRANSPORTS.#
GENERAL DISTRIBUTION
NOV 1967, 15 P, ILLUS
N68-16521
NOISE
MEASUREMENT
TAKE-OFF
CLIMBING
JET TRANSPORT PLANES
SIMULATION
NOISE ABATEMENT
COMPARATIVE STUDIES
CLIMBOUT
IN-FLIGHT

68 00821 NAT U
03-B
SCHLATTER, E. E.
WEATHER BUREAU, ATLANTIC CITY.
EVALUATION OF SEVERAL MULTI-TRANSMISSOMETER
SYSTEMS.# INTERIM REPORT.
GENERAL DISTRIBUTION
DEC 1967, 94 P, ILLUS, 13 REFS
FA-65-WAT-96
PROJ-4-0-4J2-JSE
SPRS-RD-67-72
AD-668 990
METEOROLOGICAL INSTRUMENTS
VISIBILITY
TEST METHODS
TOUCHDOWN
SENSING ELEMENTS
RUNWAYS
DATA
ANALYSIS
RANGES /DISTANCE/
ROLL
RVR (RUNWAYS VISUAL RANGE)
MULTI-TRANSMISSOMETER
MID-POINT
ROLL-OUT
ATLANTIC CITY, N. J.
NEW YORK CITY, N. Y.
CHICAGO, ILL.
DENVER, COLO.
LOS ANGELES, CALIF.

68 00822 NAT U
07-C
WOODSON, F. B.
FEDERAL AVIATION AGENCY.
NATIONAL AVIATION FACILITIES EXPERIMENTAL
CENTER, TEST AND EVALUATION DIV.,
ATLANTIC CITY.
TECHNICAL EVALUATION OF FEDOPHON.#
FINAL REPORT.
GENERAL DISTRIBUTION
SEP 1966, 26 P, ILLUS
FAA-RD-66-64
AD-646 911
ANALYSIS
TELEVISION DISPLAY SYSTEMS
AIR TRAFFIC CONTROL SYSTEMS
TESTS
MODIFICATION KITS
FEDERAL AVIATION ADMINISTRATION
FEDOPHON

68 00823 NAT U
02-D
MILLAR, D. M.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
INVESTIGATION OF TURBOPROP ENGINE
CHARACTERISTICS DURING BIRD INGESTION.#
FINAL REPORT.
APR 1968, 23 P, ILLUS, TABLES
NA-68-6-DS-68-4
AD-668 834
TURBOPROPELLER JET ENGINES
BIRDS
INGESTION (ENGINES)
DEGRADATION
OPERATION
EFFECTIVENESS
RECOVERY
STABILIZATION
REDUCTION
TURBOJET INLETS
FEDERAL AVIATION ADMINISTRATION

68 00824 NAT U
03-F
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
SCHEDULED AIR CARRIER FLIGHT ACTIVITY.#
IN THE UNITED STATES, MAY 1967.
GENERAL DISTRIBUTION
NOV 1967, 21 P, ILLUS, TABLES
AD-668 336
AIR CARRIERS
SCHEDULING
FEDERAL AVIATION ADMINISTRATION
AIRPORTS
PEAK AIR TRAFFIC
AIRBORNE
TIME
DEPARTURE
JET PLANES
TURBOPROPELLER JET ENGINES
PISTONS
HELICOPTERS
AIRLINES
ARRIVAL

68 00825 NAT U
09-B
NESTOR, L. J.
NAVAL AIR PROPULSION TEST CENTER,
AERONAUTICAL ENGINE DEPT.,
PHILADELPHIA.
INVESTIGATION OF TURBINE FUEL FLAMMABILITY
WITHIN AIRCRAFT FUEL TANKS.#
FINAL REPORT.
GENERAL DISTRIBUTION
JUL 1967, 74 P, ILLUS, 28 REFS
FA 65 NF-AP-2
PRD-J-520-002-064
DS-67-7
AD-669 001
TURBINES
FLAMMABILITY
FUEL TANKS
AIRCRAFT
FUELS
DYNAMICS
SPRAYS
SPARK IGNITION
SIMULATION
VAPORS
EQUILIBRIUM FLAMMABILITY ENVELOPES
PHYSICAL PROPERTIES

68 00826 R NAT U
03-F
FEDERAL AVIATION AGENCY, WASHINGTON, D. C.
ESTIMATED COST OF DELAY AT FAA TOWER
AIRPORTS C. Y. 1965.#
GENERAL DISTRIBUTION
JUN 1966, 11 P, ILLUS, TABLES
COSTS
DELAY
FEDERAL AVIATION ADMINISTRATION
AIRPORT CONTROL TOWERS
DATA
ANALYSIS
TIME
AIR TRAFFIC CONTROL SYSTEMS
AIR CARRIERS

68 00827 R NAT U
02-I
FEDERAL AVIATION ADMINISTRATION, WASHINGTON,
D. C.
CONFERENCE ON FIRE SAFETY MEASURES FOR
AIRCRAFT FUEL SYSTEMS.#
GENERAL DISTRIBUTION
DEC 1967, 154 P, ILLUS
FIRE SAFETY
AIRCRAFT
FUEL SYSTEMS
FEDERAL AVIATION ADMINISTRATION
CONFERENCES
STANDARDS
AIRCRAFT FIRES
EXPLOSIONS
PROPULSION
IGNITION
HAZARDS
ELECTROSTATICS
FLAMES
OPERATION
EFFECTIVENESS
ELECTRIC DISCHARGES
SAFETY DEVICES
DESIGN
SUPPRESSION
INERTING
PURGING

68 00828 NAT U
02-E
QUINN, J. H., D. U.
LUDWIG, C. W.
DODGE, INC., BLANENBURG, N. J.
EQUATIONS AND DIGITAL PROGRAM FOR ANALYSIS
OF HANDLING QUALITIES OF GENERAL AVIATION
AIRCRAFT IN THE NONLINEAR, SLOW FLIGHT
DOMAIN.#
GENERAL DISTRIBUTION
JUN 1965, 74 P, ILLUS
FA-64-1293
DODGE-R-102
EQUATIONS
HANDING
GENERAL AVIATION AIRCRAFT
NONLINEAR SYSTEMS
FLIGHT
NOTES
MECHANICS
AERODYNAMIC FORCES
DIGITAL COMPUTERS
FLIGHT SIMULATIONS
WIND
VECTORS ANALYSIS
SLOW FLIGHT

68 00829 NAT U
08-F
AIR FORCE, WASHINGTON, D. C.
AIR LOGISTICS STUDIES-1970S.0
AIR CARGO TERMINALS AND MATERIALS HANDLING
SYSTEM, PHASE II. SUMMARY REPORT.
GENERAL DISTRIBUTION
MAY 1967, 79 P, ILLUS
AD-825 709
AIR TRANSPORTATION
LOGISTICS
CONTROL SYSTEMS
CARGO
PREPARATION
TERMINAL FLIGHT FACILITIES
OPERATIONS RESEARCH
COSTS
HANDLING
JET TRANSPORT PLANES
AIR-DROP OPERATIONS
C-5A AIRCRAFT
INTRANSIT
463L MATERIALS HANDLING SYSTEM

68 00830 NAT U
08-F
AIR FORCE, WASHINGTON, D. C.
AIR LOGISTICS STUDIES-1970S.0
AIR CARGO TERMINALS AND MATERIALS HANDLING
SYSTEM, PHASE II.
GENERAL DISTRIBUTION
MAY 1967, 10 P
AD-825 708
AIR TRANSPORTATION
LOGISTICS
AIRCRAFT
CARGO
HANDLING
WEIGHT
SAFETY DEVICES
AIR-DROP OPERATIONS
NETS
JET TRANSPORT PLANES
C-130 AIRCRAFT
C-141 AIRCRAFT
C-5A AIRCRAFT
463L MATERIALS HANDLING SYSTEM

68 00831 R NAT U
08-F
FEDERAL AVIATION ADMINISTRATION.
WESTERN REGIONAL OFFICE, LOS ANGELES.
A STAFF STUDY OF AVIATION SYSTEMS
REQUIREMENTS LOS ANGELES METROPOLITAN AREA.0
OFFICIAL USE ONLY
DEC 1967, 188P, ILLUS
AIR TRAFFIC CONTROL SYSTEMS
FEDERAL AVIATION ADMINISTRATION
URBAN AREAS
COSTS
POSITIVE CONTROL
AIRSPACE
STANDARDS
ANALYSIS
AVIATION PERSONNEL
ATC TERMINAL AREA
AIRPORTS
AIRCRAFT INDUSTRY
LOS ANGELES METRO AREA
NOISE ABATEMENT
COOPERATION

68 00832 R NAT U
07-C
MCPHANN, M. L.
FEDERAL AVIATION ADMINISTRATION. SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
ATLANTIC CITY.
EVALUATION OF THE RAPPI/SCAN CONVERTER
INTEGRATED DISPLAY.0
GENERAL DISTRIBUTION
AUG 1963, 26 P, ILLUS
PROJ-112-027-01V
SCANNING
DISPLAY SYSTEMS
FEDERAL AVIATION ADMINISTRATION
TEST EQUIPMENT
STANDARDS
SENSITIVITY
OPERATION
EFFECTIVENESS
RADAR BEACONS
AIR TRAFFIC CONTROL SYSTEMS
TRACKING
RAPPI/SCAN CONVERTERS
ACCURACY
DECIDING

68 00833 NAT U
04-D
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
RECOMMENDATIONS FOR UPDATING AND IMPROVING
THE FEDERAL AIRCRAFT NOISE ALLEVIATION
PROGRAM.0
GOVERNMENT AGENCIES ONLY
JUL 1967, 150 P
SYSTEMS ENGINEERING
DESIGN
ECONOMICS
LAW
PSYCHOACOUSTICS
SOCIOLOGY
JET ENGINE NOISE
NOISE ABATEMENT
CONTRACTORS
TECHNOLOGY
LAND USE
STATUS

68 00834 NAT U
02-I
PETTERSON, B. J.
WOOD, W. R.
SANDIA CORP., ALBUQUEQUE, N. MEX.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
MEASUREMENTS OF LIGHTNING STRIKES TO
AIRCRAFT.0
GENERAL DISTRIBUTION
JAN 1968, 146 P, ILLUS, 6 REFS
FA65WAI-94
FA66NF-AP-12
SC-M-67-549
FAA-DS-68-1
AD-669 124
MEASUREMENT
LIGHTNING
AIRCRAFT
FEDERAL AVIATION ADMINISTRATION
TEST EQUIPMENT /ELECTRONICS/
ANALYSIS
GUIDED MISSILES
PHOTOGRAPHIC ANALYSIS
FLIGHT TESTING
DATA
TEST VEHICLES
F-100F AIRCRAFT
FLORIDA

68 00835

R NAT U

12-G
POWERS, J. O.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
SONIC BOOM THEORY. # PRESENTED AT SHORT
COURSE ON NOISE GENERATION AND SUPPRESSION IN
AIRCRAFT UNIVERSITY OF TENNESSEE SPACE
INSTITUTE TULLAHOMA, TENNESSEE.
GENERAL DISTRIBUTION
FEB 1968, 37P, ILLUS
SONIC BOOM
THEORY
FEDERAL AVIATION ADMINISTRATION
EQUATIONS
MATHEMATICAL PREDICTION
SHOCK WAVES
PRESSURE
AXIALLY SYMMETRIC FLOW
LIFT
NUMERICAL METHODS AND PROCEDURES
ATMOSPHERE
GRAPHIC APPLICATION
NON-UNIFORM

69 00836

R NAT U

06-F
HARTON, T. H.
JEFFERSON, F. W.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
NIMBUS II VHF MULTIPATH INVESTIGATIONS. #
FINAL REPORT.
GENERAL DISTRIBUTION
MAY 1968, 38 P, ILLUS
NAFEC-NA-68-16
NAFEC-RO-68-30
AD-669 796
COMMUNICATION SATELLITES /ACTIVE/
MULTIPATH TRANSMISSION
FEDERAL AVIATION ADMINISTRATION
TRANSOCEANIC
OPERATION
DEGRADATION
RADIOFREQUENCY
PROPAGATION
ATTENUATION
DATA
AIRBORNE
ANTENNAS
WEATHER COMMUNICATIONS
AIRCRAFT
FLIGHT TESTING
VERY HIGH FREQUENCY
NIMBUS II
SATCOM ANTENNA

68 00837

R NAT U

02-G
HINLEY, W. J.
DEVOR, G.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
AN ANALYSIS OF THE HELICOPTER HEIGHT
VELOCITY DIAGRAM INCLUDING A PRACTICAL METHOD
FOR ITS DETERMINATION. # FINAL REPORT.
GENERAL DISTRIBUTION
FEB 1968, 35 P, ILLUS
NAFEC-NA-67-1
NAFEC-DS-68-23
AD-669 481
ANALYSIS
HELICOPTERS
HEIGHT FINDING
VELOCITY
FEDERAL AVIATION ADMINISTRATION
DATA
FLIGHT TESTING
WEIGHT
ALTITUDE
AUTOMATION
LANDING
OPERATIONS
EFFECTIVENESS
DENSITY
DIAGRAM

68 00838

NAT U

03-B
GONHAM, J. A.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
ALL-WEATHER LANDING SYSTEM STATUS REPORT. #
GENERAL DISTRIBUTION
DEC 1966, 27 P, ILLUS
LR-20307
AD-825 446
SYSTEMS ENGINEERING
ALL-WEATHER AVIATION
AUTOMATIC LANDING SYSTEM
COMPUTERS
AIRCRAFT EQUIPMENT
OPERATIONS
EFFECTIVENESS
BEAMS /ELECTROMAGNETIC/
GUIDANCE
PITCH /MOTION/
AZIMUTH
FLARES
RADIO ALTIMETERS
SUPERSONIC TRANSPORTS
L-2000 AIRCRAFT
AVIONICS

68 00839

NAT U

06-E
KATL, F.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
GODDARD SPACE FLIGHT CENTER, GREENBELT, MD.
OPTIC AND MICROWAVE COMMUNICATIONS-A
COMPARISON. #
GENERAL DISTRIBUTION
MAY 1968, 12 P, ILLUS, TABLES
NASA-TN-D-1006
N68-22019
MICROWAVE COMMUNICATION SYSTEMS
SPACE COMMUNICATION SYSTEMS
ANALYSIS
QUANTUM MECHANICS
THERMOELECTRICITY
NOISE
EQUATIONS
RANGES /DISTANCES/
WILLIAMS WAVES
LIGHT COMMUNICATION SYSTEMS
S-BAND
LASERS
COMPARATIVE STUDIES
RADAR
TECHNOLOGY

68 00840 NAT U
07-M
LAMPKIN, B. A.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
NAVIGATOR PERFORMANCE USING A HAND-HELD
SEXTANT TO MEASURE THE ANGLE BETWEEN A MOVING
FLASHING LIGHT AND A SIMULATED STAR.0
GENERAL DISTRIBUTION
JAN 1968, 39 P, ILLUS, TABLES
NASA-TN-D-4174
N68-13558
NAVIGATORS
OPERATION
EFFECTIVENESS
SEXTANTS
SIGNAL LIGHTS
STARS
SIMULATION
MEASUREMENT
MOTION
ERRORS
FEEDBACK
A-111

68 00841 NAT U
07-M
CUNNINGHAM, W. E.
FLEMING, D. P.
ANDERSON, W. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND.
EXPERIMENTS ON STABILITY OF HERRINGBONE-
GROOVED GAS-LUBRICATED JOURNAL BEARINGS TO
HIGH COMPRESSIBILITY NUMBERS.0
GENERAL DISTRIBUTION
APR 1968, 20 P, ILLUS, TABLE, 11 REFS
NASA-TN-D-4440
N68-21965
STABILITY
GAS BEARINGS
COMPRESSED AIR
ROTOR BLADES /TURBOMACHINERY/
HERRINGBONE-GROOVED BEARINGS
HALF-FREQUENCY WHEEL
RADIAL CLEARANCE

68 00842 NAT U
09-F
FISH, R. H.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
THE PENETRATION OF POROUS PROJECTILES IN
ALUMINUM AND PLASTIC TARGETS.0
GENERAL DISTRIBUTION
APR 1968, 10 P, ILLUS, 4 REFS
NASA-TN-D-4505
N68-21293
PENETRATION
POROUS MATERIALS
PROJECTILES
ALUMINUM
PLASTICS
TARGETS
IMPACT SHOCK
VELOCITY
COMPARATIVE STUDIES

68 00843 NAT U
02-M
HUNTER, P. A.
BRAZZIEL, M. E.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
SUMMARY OF VGM DATA COLLECTED ON ONE TYPE
OF TWIN-ENGINE JET AIRPLANE DURING AIRLINE
OPERATIONS.0
GENERAL DISTRIBUTION
MAY 1968, 32 P, ILLUS, TABLES, 12 REFS
NASA-TN-D-4529
N68-22291
JET TRANSPORT PLANES
OPERATION
DATA
ACCELERATION
VELOCITY
AIRSPEED
ALTITUDE
ANALYSIS
GUST LOADS
MANEUVERABILITY
OSCILLATION
TURBULENCE
LANDING IMPACT
LANDING GEAR
VGM /AIRSPEED, NORMAL ACCELERATION AT CENTER
OF GRAVITY, ALTITUDE/

68 00844 NAT U
02-M
PEUG, H. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
AN INVESTIGATION OF THE HELICOPTER HEIGHT-
VELOCITY DIAGRAM SHOWING EFFECTS OF DENSITY
ALTITUDE AND GROSS WEIGHT.0
GENERAL DISTRIBUTION
MAY 1968, 32 P, ILLUS, 10 REFS
NASA-TN-D-4536
N68-22033
HELICOPTERS
HEIGHT FINDING
VELOCITY
DENSITY
ALTITUDE
WEIGHT
EQUATIONS
AUTOROTATION
DESIGN
FLIGHT TESTING
DATA
DIAGRAM
CURVES

68 00845 NAT U
01-C
KAATTARI, J. E.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
A METHOD FOR PREDICTING SHOCK SHAPES
AND PRESSURE DISTRIBUTIONS FOR A WIDE VARIETY
OF BLUNT BODIES AT ZERO ANGLE OF ATTACK.0
GENERAL DISTRIBUTION
APR 1968, 41 P, ILLUS, 4 REFS
NASA-TN-D-4538
N68-22441
SHOCK WAVES
PRESSURE
DISTRIBUTION
BLUNT BODIES
ANGLE OF ATTACK
SUBSONIC FLOW
ANALYSIS
MATHEMATICAL PREDICTION
STATISTICAL FUNCTIONS
COORDINATION TECHNIQUES
SHOCK ENVELOPES
ZERO
DETACHED SHOCK WAVE

68 00846 NAT U
12-B
BLACK, T. J.
TRACON, INC., ROCKVILLE, MD.
AN ANALYTICAL STUDY OF THE MEASURED WALL
PRESSURE FIELD UNDER SUPERSONIC TURBULENT
BOUNDARY LAYERS.#
GENERAL DISTRIBUTION
APR 1968, 163 P, ILLUS
NASA-CR-888
N6J-22087
ANALYSIS
PRESSURE
TURBULENT BOUNDARY LAYER
SUPERSONIC FLOW
VIBRATIONS
SHEAR STRESSES
LAW
THEORY
SUPERSONIC CHARACTERISTICS
COMPRESSIBLE FLOW
WALL PRESSURE FIELD
NON-LINEAR INSTABILITIES
SCALING LAWS

64 00847 NAT U
11
UNITED AIRCRAFT CORP., FARMINGTON, CONN.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS.
A STUDY OF THE CRITICAL COMPUTATIONAL
PROBLEMS ASSOCIATED WITH STRAPDOWN INERTIAL
NAVIGATION SYSTEMS.#
GENERAL DISTRIBUTION
APR 1968, 200 P, ILLUS, TABLES
NASA-CR-968
N68-21652
INERTIAL NAVIGATION
STANDARDS
ERRORS
MATHEMATICAL MODELS
DIGITAL COMPUTERS
GYROSCOPES
NUMERICAL ANALYSIS
ATTITUDE CONTROL SYSTEMS
ACCELEROMETERS
DATA
POSITION FINDING
SENSING ELEMENTS
SIMULATION
STRAP DOWN
ACCURACY

68 00848 NAT U
07-A
ROY, R.
HINDS, D.
RENSSELAER POLYTECHNIC INST., TROY, N. Y.
FREQUENCY CODED THRESHOLD LOGIC UNIT FOR
PATTERN RECOGNITION APPLICATION.#
GENERAL DISTRIBUTION
MAY 1968, 46 P, ILLUS
NASA-CR-1035
N68-22448
DESIGN
COMPUTER LOGIC
PATTERN RECOGNITION
LYNNETICS
CENTRAL NERVOUS SYSTEM
FREQUENCY
CODING
VELOCITY
STANDARDS
CLASSIFICATION
VISION
WING ADAPTATION

68 00849 NAT U
09-B
THOMSON, A. G. R.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
THE POTENTIAL USE OF MATHEMATICAL MODELS
IN MATERIALS DATA PRESENTATION WITH PARTICULAR
REFERENCE TO THE AGARD MATERIAL PROPERTIES
HANDBOOKS.#
GENERAL DISTRIBUTION
OCT 1966, 32 P, ILLUS, 19 REFS
AGARD-R-510
N68-21193
MATHEMATICAL MODELS
MATERIALS
DATA
HANDBOOKS
CREEP
STANDARDS
CORRELATION TECHNIQUES
DESIGN
ANALYSIS
DIGITAL COMPUTERS
MECHANICAL PROPERTIES
TIME
THERMODYNAMICS
AGARD
CONSTANTS

68 00850 NAT U
02-E
AMARRAH, R. C.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
MANEUVERABILITY AND GUST RESPONSE PROBLEMS
ASSOCIATED WITH LOW-ALTITUDE, HIGH-SPEED
FLIGHT.#
GENERAL DISTRIBUTION
OCT 1967, 56 P, ILLUS, 321 REFS
AGARD-R-556
N68-22320
MANEUVERABILITY
GUSTS
RESPONSE
LOW ALTITUDE
FLIGHT
VELOCITY
AIRCRAFT
CENTER OF GRAVITY
PILOTS
ROLL
CONTROL
STANDARDS
HIGH-SPEED
JOSTLE
INSTABILITY

68 00851 NAT U
07-C
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
RECENT ADVANCES IN DISPLAY MEDIA. A
SYMPOSIUM HELD IN CAMBRIDGE, MASSACHUSETTS
SEPTEMBER 19-20, 1967.
GENERAL DISTRIBUTION
1968, 146 P, ILLUS
NASA-SP-159
N68-22302
DISPLAY SYSTEMS
COMPUTERS
TRANSPORT PLANES
MANNED SPACECRAFT
GENERAL AVIATION AIRCRAFT
CATHODE RAY TUBES
INJECTION
ELECTROLUMINESCENCE
PHOTOCHROMISM
THERMOCHEMISTRY
GLASS
MAGNETISM
ELECTROSTATICS
CINERAMA
ENGINEERING
PSYCHOLOGY
SYMPOSIA
LASERS
PLASMA PHYSICS
CARRIER INJECTION
THERMOCHROMIC
FLUIDIC
MULTICOLOR

68 00852 NAT U
09-A
PETERS, E. T.
MANLABS, INC., CAMBRIDGE, MASS.
PHYSICAL CHARACTERIZATION OF ELECTRONIC
MATERIALS, DEVICES AND THIN FILMS. B
GENERAL DISTRIBUTION
JAN 1968, 37 P, ILLUS, TABLES
F19/6287-67-C-0173
AFRL-68-0091
AD-667 547
MECHANICAL PROPERTIES
CRYSTAL STRUCTURE
ELECTRONICS
MATERIALS
FILMS
X-RAY DIFFRACTION ANALYSIS
ELECTRONIC
DIFFRACTION ANALYSIS
PROBES /ELECTROMAGNETIC/
CHEMICAL ANALYSIS
CRYSTAL GROWTH
DATA

68 00853 NAT U
08-F
AIR FORCE, WASHINGTON, D. C.
AIR CARGO TERMINALS AND MATERIALS
HANDLING SYSTEM. B PHASE II ANNEX D-CONTINGENCY
AIR TERMINALS.
AIR LOGISTICS STUDIES - 1970S
GENERAL DISTRIBUTION
MAY 1967, 250 P, ILLUS, TABLES
AD-825 717
AIR TRANSPORTATION
LOGISTICS
OPERATIONS RESEARCH
TERMINAL FLIGHT FACILITIES
MILITARY FACILITIES
ARMED FORCES OPERATIONS
LABOR
COMPUTERS
SIMULATION
CARGO
HANDLING
AIR-DROP OPERATIONS
CONTINGENCY AIR TERMINALS
MANPOWER

68 00854 NAT U
08-F
AIR FORCE, WASHINGTON, D. C.
AIR CARGO TERMINALS AND MATERIALS
HANDLING SYSTEM. B PHASE II. ANNEX C-PERMANENT
AIR TERMINALS.
AIR LOGISTICS STUDIES-1970S.
GENERAL DISTRIBUTION
MAY 1967, 200 P, ILLUS
AD-825 867
AIR TRANSPORTATION
LOGISTICS
OPERATIONS RESEARCH
MILITARY FACILITIES
CARGO
DESIGN
STANDARDS
LABOR
COSTS
HANDLING
TERMINAL FLIGHT FACILITIES
PERMANENT AIR TERMINALS

68 00855 NAT U
08-F
AIR FORCE, WASHINGTON, D. C.
AIR CARGO TERMINALS AND MATERIALS
HANDLING SYSTEM. B PHASE II. ANNEX B - AIR
CARGO PREPARATION.
AIR LOGISTICS STUDIES-1970S
GENERAL DISTRIBUTION
MAY 1967, 150 P, ILLUS
AD-825 866
LOGISTICS
AIR TRANSPORTATION
CARGO
PREPARATION
PANELS /STRUCTURAL/
VOLUME
WEAPONS
CONTAINERS
SAFETY DEVICES
OPERATIONS RESEARCH
PALLETES

68 00856 NAT U
02-F
AIR FORCE, WASHINGTON, D. C.
AIR CARGO TERMINALS AND MATERIALS
HANDLING SYSTEM. B PHASE II.
ANNEX A - INTRANSIT CONTROL.
AIR LOGISTICS STUDIES-1970S
GENERAL DISTRIBUTION
MAY 1967, 125 P
AD-825 707
LOGISTICS
OPERATIONS RESEARCH
CONTROL
AIR TRANSPORTATION
CARGO
STANDARDS
DOCUMENTATION
PROGRAMMING /COMPUTERS/
COMMUNICATION SYSTEMS
PROCESSING
HILSTAMP /MILITARY STANDARD TRANSPORTATION AND
MOVEMENT PROCEDURES/
INTRANSIT

68 00857 NAT U
02-E
YORE, E. E.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
OPTIMAL DECOUPLING CONTROL APPLIED
TO THE LATERAL-DIRECTIONAL AXES OF A SWEEP
WING AIRCRAFT.# PART II.
APPLICATION OF MARK III - SOC /SELF-ORGANIZING
CONTROL/ TO MULTIVARIABLE CONTROL PROBLEMS.
NO FOREIGN
FEB 1968, 150 P, ILLUS, TABLES, 29 REFS
F-33615-67-C-1294
AFFDL-TR-68-10 PART II
AD-830 936
FLIGHT CONTROL SYSTEMS
LINEAR SYSTEMS
OPTIMIZATION
STABILIZATION
STANDARDS
OPERATION
EFFECTIVENESS
SYNTHESIS
PITCH /MOTION/
FIGHTERS
F-M AIRCRAFT
MARK III SOC /SELF-ORGANIZING CONTROL/
DDC /OPTIMAL DECOUPLING CONTROL/
LATERAL-DIRECTIONAL AXES

68 00858 NAT U
09-B
BUNTING, K. R.
AMERICAN OIL CO., WHITING, IND.
GREASES FOR HIGH SPEED, HIGH TEMPERATURE
ANTIFRICTION BEARINGS.#
DOD ONLY
MAR 1968, 7 P, ILLUS, 7 REFS
AFML-TR-67-9, PART II
AD-831 319L
GREASES
VELOCITY
HIGH-TEMPERATURE RESEARCH
ANTIFRICTION BEARINGS
OPERATION
EFFECTIVENESS
HIGH-SPEED

68 00859 NAT U
07-H
LYMAN, B.
GEORGE WASHINGTON UNIV., ALEXANDRIA, VA.
HUMAN RESOURCES RESEARCH OFF CE.
VISUAL DETECTION, IDENTIFICATION, AND
LOCALIZATION - AN ANNOTATED BIBLIOGRAPHY.#
GENERAL DISTRIBUTION
FEB 1968, 122 P, 407 REFS
DA-66-100-ARD-2
PROJ 2J024701A712-01
GWRU-TR-68-2
AD-667 500
VISION
DETECTION
IDENTIFICATION
PERCEPTION
ADAPTATION /PHYSIOLOGY/
MILITARY PERSONNEL
BIBLIOGRAPHIES
NIGHT OPERATIONS
LOCALIZATION

68 00860 NAT U
01-B
MILLER, M.
YANG, J. C.
PIRLHUTTER, A. A.
DYNASCIENCES CORP., BLUE BELT, PENNA.
THEORETICAL AND EXPERIMENTAL INVESTIGATION
OF THE INSTANTANEOUS INDUCED VELOCITY FIELD IN
THE WAKE OF A LIFTING ROTOR.#
GENERAL DISTRIBUTION
JAN 1968, 170 P, ILLUS, TABLES, 10 REFS
DA-44-177-AMC-383/T/
USAAVLABS-TR-67-68
AD-667 384
THEORY
EXPERIMENTAL DATA
VELOCITY
WAKE
ROTOR BLADES /ROTARY WINGS/
MATHEMATICAL ANALYSIS
MEASUREMENT
FLIGHT TESTING
HELICOPTERS
HOVERING
DOWNWASH
AERODYNAMIC LOADING
INDUCED FLOW
COMPARATIVE STUDIES
HUGHES, 269-A /TH-68A/ AIRCRAFT

68 00861 NAT U
02-N
MILLER, D. P.
VINJE, E. W.
UNITED AIRCRAFT CORP. RESEARCH LABS.,
EAST HARTFORD, CONN.
FIXED-BASE FLIGHT SIMULATOR STUDIES OF
VTOL AIRCRAFT HANDLING QUALITIES IN HOVERING
AND LOW-SPEED FLIGHT.#
NO FOREIGN
JAN 1968, 198 P, ILLUS, TABLES, 32 REFS
AF33/615/-3736
AFFDL-TR-67-152
AD-831 446
FLIGHT SIMULATORS
VERTICAL TAKE-OFF PLANES
HOVERING
VELOCITY
MANEUVERABILITY
STABILITY
CONTROL
SENSITIVITY
DATA
ATTITUDE CONTROL SYSTEMS
PILOTS
TURBULENCE
DAMPING
FIXED-BASE
LOW-SPEED
XC-142 AIRCRAFT
XV-1B AIRCRAFT
SAS /STABILITY AUGMENTATION SYSTEMS/

68 00862 NAT U
01-F
BALLENTINE, J. R.
RUDDER, F. F., JR.
MATHIS, J. T.
PLUMBE, M. E., JR.
LOCKHEED-GEORGIA CO., MARIETTA, GA.
REFINEMENT OF SONIC FATIGUE STRUCTURAL
DESIGN CRITERIA.8
NO FOREIGN
JAN 1968, 234 P, ILLUS, TABLES, 29 REFS
AF33/6157-3816
AFFDL-TR-67-156
AD-831 118
SONIC FATIGUE
STRUCTURAL PARTS
DESIGN
STANDARDS
NOMOGRAPHICS
THEORY
ANALYSIS
SANDWICH CONSTRUCTION
HONEYCOMB CORES
TESTS
DATA
RESPONSE
PROGRAMMING /COMPUTERS/
STRESSES
EQUATIONS
SKIN-STRINGER
COMPARATIVE STUDIES
CURVATURE

68 00863 NAT U
07-C
JACKSON, K. F.
BRITISH EUROPEAN AIRWAYS CORP., RUZSLIP,
MIDDLESEX, ENGLAND.
GT. BRIT. MINISTRY OF AVIATION, LONDON.
AN EVALUATION OF FOUR AIRSPEED INDICATOR
DISPLAYS.8
GENERAL DISTRIBUTION
NOV 1965, 194P, ILLUS, 80 REFS
AD-824 593
OPERATION
EFFECTIVENESS
AIRSPEED INDICATORS
DISPLAY SYSTEMS
PILOTS
READING
DATA
ANALYSIS
TEST METHODS
OPTIMIZATION
CONTROL SYSTEMS
STABILITY
MAN-MACHINE SYSTEMS
DYNAMIC
SUBOPTIMUM
REENTRY

68 00864 NAT U
06-A
HELLER, J. D.
MARTIN CO., ORLANDO, FLA.
NEW CONNECTOR DESIGN LOWERS COST OF
MILITARY CABLE ASSEMBLY PROCESSES.8
GENERAL DISTRIBUTION
7/1967, 4 P, ILLUS
AD-479 557
DESIGN
ELECTRIC CONNECTORS
PRODUCTION
COSTS
ELECTRIC CABLES
PLASTICITY
INDUSTRIAL RESEARCH
NON-DESTRUCTIVE TESTING
SOLDERED JOINTS
ASSEMBLY
SUPPORT TERMINAL

68 00865 NAT U
13-C
COTE, M. A.
DEPARTMENT OF HEALTH, EDUCATION AND WELFARE.
PUBLIC HEALTH SERVICE, R.A. TAFT SANITARY
ENGINEERING CENTER, CINCINNATI
THE PERFORMANCE OF POSITIVE CRANKCASE
VENTILATION SYSTEMS ON AUTOMOBILES IN
CINCINNATI, OHIO - REPORT NO 2.8
GENERAL DISTRIBUTION
MAR 1966, 7 P, TABLES, 3 REFS
PB-173 575
OPERATION
EFFECTIVENESS
VENTILATION
PASSENGER VEHICLES
QUALITY CONTROL
TESTS
MAINTENANCE
CINCINNATI, OHIO
POSITIVE CRANKCASE

68 00866 NAT U
02-N
SIMPSON, R. W.
MASSACHUSETTS INST. OF TECH.,
CAMBRIDGE, FLIGHT TRANSPORTATION CENTER.
WEATHER CONDITIONS AFFECTING VTOL
AIRBUS OPERATIONS IN THE NORTHEAST CORRIDOR.8
GENERAL DISTRIBUTION
DEC 1966, 40 P, ILLUS, 2 REFS
MIT-TN-66-4
PB-174 915
VERTICAL TAKE-OFF PLANES
OPERATION
DATA
CEILING
VISIBILITY
WIND
TEMPERATURE
RELIABILITY
REACTION KINETICS
INSTRUMENT FLIGHT
AIRPORTS
ALL-WEATHER AVIATION
METEOROLOGICAL PHENOMENA
AIRBUS
NORTHEAST CORRIDOR
HIGH

68 00867 NAT U
04-E
AHLERS, E. B.
HAMPTON, D.
TRUESDALE, W. B.
ILLINOIS INST. OF TECH., CHICAGO.
IIT RESEARCH INST.
AERONAUTICAL SYSTEMS DIV.
WRIGHT-PATTERSON AFB, OHIO.
CIVIL AND MILITARY AIRFIELDS.8 PART I.,
VOLUME 1.
AIRFIELD/RUNWAY SURVEY OF THE U. S. Z. I.
OFFICIAL USE ONLY
APR 1967, 800 P, ILLUS
AF33/6577-16485
ASU-TR-67-15, PART I, VOL. 1
AD-825 419
CIVIL AVIATION
AIRPORTS
MILITARY AVIATION
LANDING FIELDS
RUNWAYS
SITE SELECTION
APPROACH
CLIMATOLOGY
APRONS
TAXIWAYS
DESIGN
AVIATION FUELS
LANDING AIDS
NAVIGATIONAL AIDS
LIGHTING EQUIPMENT
MAINTENANCE
STORAGE

68 00060 NAT U
04-E
AMERS, E. B.
HAMPTON, D.
TRUEDALE, W. B.
ILLINOIS INST. OF TECH., CHICAGO.
IIT RESEARCH INST.
AERONAUTICAL SYSTEMS DIV.,
WRIGHT-PATTERSON AFB, OHIO.
PAVEMENT UPDATING FOR THE KC-135.
PART II, VOLUME I.
AIRFIELD/RUNWAY SURVEY OF THE U.S. Z. I.
OFFICIAL USE ONLY
SEP 1967, 903 P
AF33/657/16485
M6149, PART II, VOL-I
ASD-TR-67-13, PT-I, VOL-I
AD-825 420
MILITARY AVIATION
LANDING FIELDS
CIVIL AVIATION
AIRPORTS
RUNWAYS
PAVEMENTS
MAINTENANCE
JET TRANSPORT PLANES
COSTS
ELASTICITY
DATA
ANALYSIS
APRONS
TAXIWAYS
VOLUME
U. S. ZONE OF THE INTERIOR

68 00869 NAT U
06-J
THOMAS, M. F.
BRESSINCK, E. F.
ARMY ELECTRONIC PROVING GROUND,
FT. HUACHUCA, ARIZ.
ENGINEERING TEST OF LIGHTWEIGHT AIRBORNE
TRANSPONDER AN/APX-58 /AINS PROGRAM/.
FINAL REPORT.
OFFICIAL USE ONLY
OCT 1967, 244P, ILLUS, TABLES, 10 REFS
USAEPC-FR-187
AD-824 601
ENGINEERING
TESTS
AIRBORNE
TRANSPONDERS
SAFETY
FLIGHT TESTING
OPERATION
EFFECTIVENESS
DATA
TEST EQUIPMENT /ELECTRONICS/
TEST METHODS
ENVIRONMENTAL TESTS
RADAR EQUIPMENT
LIGHTWEIGHT
AN/APX-68

68 00870 NAT U
09-A
MUFFLEY, M. C.
ARMY WEAPONS COMMAND, ROCK ISLAND, ILL.
EVALUATION OF VEHICLE CORROSION
PREVENTIVES.
GENERAL DISTRIBUTION
DEC 1965, 37 P, TABLES, 31 REFS
RIA-65-3405
AD-476 493
OPERATION
EFFECTIVENESS
VEHICLES
CORROSION INHIBITION
TEST METHODS
QUALITY CONTROL
TESTS
SPECIFICATIONS
CURTAINS

68 00871 NAT U
04-D
MUMME, L. M.
AIR FORCE CAMBRIDGE RESEARCH LABS. OFFICE
OF AEROSPACE RESEARCH, BEDFORD, MASS.
TESTING AND FURTHER DEVELOPMENT OF AN
ELECTRONIC CLOUD DETECTOR.
GENERAL DISTRIBUTION
OCT 1964, 57 P, ILLUS, 22 REFS
AF19/628/-3894
ASD-R2639
AFRL-64-869
AD-616 347
TESTS
CLOUDS
DETECTORS
ELECTROSTATICS
SENDING ELEMENTS
RADIOSOURCES
CIRCUITS
BALLOON EQUIPMENT
CLEAR AIR TURBULENCE
ELECTRIC FIELDS
DIPOLE ANTENNAS
METEOROLOGICAL INSTRUMENTS
BOUNDARIES /METEOROLOGY AND CLIMATOLOGY/
HOT-AIR
FLUCTUATIONS

68 00872 NAT U
13-C
CHARNES, A.
CARNEGIE INST. OF TECH., PITTSBURGH.
MANAGEMENT SCIENCES RESEARCH GROUP.
NORTHWESTERN UNIV., EVANSTON, ILL. SYSTEMS
RESEARCH GROUP.
OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
SIMULATION, OPTIMIZATION AND EVALUATION
OF SYSTEMS OF TRAFFIC NETWORKS.
GENERAL DISTRIBUTION
MAY 1966, 42 P, ILLUS, TABLES
NOMA-760/24/
NSRA-77
AD-634 239
SIMULATION
OPTIMIZATION
OPERATION
EFFECTIVENESS
TRAFFIC
NETWORKS
LINEAR PROGRAMMING
MATHEMATICAL MODELS
GAME THEORY
DESIGN

68 00873 NAT U
02-I
FLIGHT SAFETY FOUNDATION, INC. AVIATION SAFETY
ENGINEERING AND RESEARCH DIV., PHOENIX, ARIZ.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
UNITED STATES ARMY AVIATION CRASH SURVIVAL
RESEARCH. SUMMARY REPORT.
GENERAL DISTRIBUTION
JUN 1966, 31 P
DA-66-177-AMC-294/F/
JSAVLABS-TR-66-63
AVSER-65-12
AD-637 132
ARMY AIRCRAFT
AVIATION ACCIDENTS
SURVIVAL
ANALYSIS
CRASHWORTHINESS
AIRPLACES
AIRCRAFT FIRES
CRASH TESTING
DESIGN
STANDARDS
ACCIDENT INVESTIGATION
AIRCRAFT SEATS
SAFETY DEVICES
FUEL TANKS

68 00874 NAT U
02-I
REED, W. H.
FLIGHT SAFETY FOUNDATION, INC. AVIATION SAFETY
ENGINEERING AND RESEARCH DIV., PHOENIX, ARIZ.
ARMY AVIATION MATERIEL LABS., FORT RUSSELL, VA.
PRINCIPLES FOR IMPROVING STRUCTURAL CRASH-
WORTHINESS FOR STOL AND CTOL AIRCRAFT.
GENERAL DISTRIBUTION
JUN 1966, 65 P, ILLUS, 7 REFS
DA44-177-AMC-554/T/
USAAVLANS-66-59
AD-637 133
AIRFRAMES
CRASHWORTHINESS
SHORT TAKE-OFF PLANES
DESIGN
ANALYSIS
CRASH TESTING
LANDING IMPACT
SURVIVAL
MODIFICATION KITS
CTOL AIRCRAFT
LONGITUDINAL
VIBRATION

68 00875 NAT U
17-A
SKLYANSKY, P. I.
AIR FORCE SYSTEMS COMMAND, POSITION TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
CONTROL OF SUPERSONIC AIRCRAFT.
GENERAL DISTRIBUTION
MAY 1966, 375 P, ILLUS
PTD-MT-65-49
AD-644 145
CONTROL SYSTEMS
SUPERSONIC PLANES
STABILITY
AERODYNAMIC CONFIGURATIONS
DESIGN
EQUATIONS
MOTION
POWER
AUTOMATIC
DEFORMATION
AIRFRAMES
AVIATION SAFETY
TRANSONIC FLIGHT
SUPERSONIC FLIGHT
EMERGENCY POWER
SEMI-AUTOMATIC MANUAL CONTROL

68 00876 NAT U
GR-F
LOGISTICS MANAGEMENT INST., WASHINGTON, D. C.
FORECAST OF AIRLINE PILOT REQUIREMENTS.
GENERAL DISTRIBUTION
MAY 1967, 52 P, ILLUS, TABLES, 19 REFS
LMT-867-17
AD-654 102
MATHEMATICAL PREDICTION
PILOTS
LOGISTICS
MILITARY AVIATION
CIVIL AVIATION
AIR CARRIERS
ANALYSIS
SPECIFICATIONS
EMPLOYMENT /ACTIVE/
ATTRITION

68 00877 NAT U
01-F
AUSTIN, W. H., JR.
AERONAUTICAL SYSTEMS DIV. SYSTEMS ENGINEERING
GROUP, WRIGHT-PATTERSON AFB, OHIO.
DEVELOPMENT OF IMPROVED GUST LOAD
CRITERIA FOR UNITED STATES AIR FORCE
AIRCRAFT.
GENERAL DISTRIBUTION
SEP 1967, 22 P, ILLUS, TABLES, 12 REFS
SEQ-7A-67-28
AD-662 598
GUST LOADS
STANDARDS
AIR FORCE
MILITARY AIRCRAFT
DESIGN
TURBULENCE
POWER
DENSITY
ANALYSIS
PROBABILITY
SPECTRAL
RPA /RATIONAL PROBABILITY ANALYSIS/

68 00878 NAT U
07-I
INTANO, G. P.
NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE,
PENNA.
OPERATIONAL STUDY OF PILOTS VISUAL
REQUIREMENTS.
GENERAL DISTRIBUTION
FEB 1966, 113 P, ILLUS, 55 REFS
NOU156-67-C-1100
NAVC-AC-6503
AD-666 116
OPERATION
ANALYSIS
PILOTS
VISION
NIGHT FLIGHT
RESEARCH PLANES
OPTICAL PROPERTIES
PERCEPTION
COCKPITS
LIGHTING EQUIPMENT
1-48 AIRCRAFT
AMBIENT EXTERNAL LIGHTING

68 00879 NAT U
13-C
FRYSINGER, G. A.
ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J.
POWER SOURCES FOR ELECTRIC CARS.
TECHNICAL REPORT.
GENERAL DISTRIBUTION
JAN 1968, 35 P, ILLUS
ECOM-2929
AD-666 773
ELECTRIC POWER PRODUCTION
VEHICLES
BATTERIES & COMPONENTS
FUEL CELLS
CONFIGURATION
EFFECTIVENESS
DESIGN
ELECTRIC CAR
HYBRID

68 00880 NAT U
 01-C
 KARNOPP, D. C.
 TRIKHA, A. K.
 MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
 AIR FORCE, OFFICE OF SCIENTIFIC RESEARCH,
 WASHINGTON, D. C.
 COMPARATIVE STUDY OF OPTIMIZATION
 TECHNIQUES FOR SHOCK AND VIBRATION
 ISOLATION. 8 INTERIM SCIENTIFIC REPORT.
 GENERAL DISTRIBUTION
 JAN 1968, 41 P, ILLUS, 8 REFS
 AF49/638/-1314
 AFOSR-68-0242
 AD-666 928
 CORRELATION TECHNIQUES
 OPTIMIZATION
 SHOCK /MECHANICS/
 VIBRATION ISOLATORS
 STANDARDS
 OPERATION
 EFFECTIVENESS
 COMPARATIVE STUDIES

68 00881 NAT U
 01-C
 BARTON, J. S.
 LOCKHEED-GEORGIA CO., MARIETTA, GA.
 C-5A BASIC DATA FOR FLUTTER ANALYSIS. 8
 INTERIM REPORT.
 GENERAL DISTRIBUTION
 DEC 1967, 350 P, ILLUS, TABLES
 LGIUS61-1-5
 AD-825 747
 DATA
 FLUTTER
 ANALYSIS
 JET TRANSPORT PLANES
 AERODYNAMIC CONFIGURATIONS
 WINGS
 ATTACHMENTS
 FLAPS
 SPOILERS
 LEADING EDGE
 STABILIZERS / HORIZONTAL TAIL SURFACE/
 STABILIZERS / VERTICAL TAIL SURFACE/
 ELEVATORS
 AERIAL RUDDERS
 FUSELAGES
 CARGO
 POWER PLANTS / AIRCRAFT /
 LANDING GEAR
 DATA
 C-5A AIRCRAFT
 SLATS
 WINGS / RAM AIR TURBINE SYSTEM /
 RUDDERS

68 00882 NAT U
 03-W
 PEARSON, B. B.
 LOCKHEED-GEORGIA CO., MARIETTA, GA.
 C-141A ENGINEERING FLIGHT TEST RESULTS
 OF ELECTROMAGNETIC INTERFERENCE
 COMPATIBILITY AND COMPLIANCE TESTING, FY-67
 PRODUCTION AWLS. 8
 GENERAL DISTRIBUTION
 DEC 1967, 125 P, ILLUS
 ER-5004
 AD-826 637
 JET TRANSPORT PLANES
 ENGINEERING
 FLIGHT TESTING
 ELECTROMAGNETIC PROPERTIES
 INTERFERENCE ANALYZERS
 AUTOMATIC LANDING SYSTEMS
 ALL-WEATHER AVIATION
 TEST EQUIPMENT / ELECTRONICS /
 RESEARCH PLANES
 COMPATIBILITY
 INTERCOMMUNICATION SYSTEMS
 EFFECTIVENESS
 NAVIGATION COMPUTERS
 RADAR EQUIPMENT
 C-141A AIRCRAFT

68 00883 NAT U
 01-J
 DICKEY, R. L.
 LOCKHEED-GEORGIA CO., MARIETTA, GA.
 WING. 8 VOLUME I.
 C-5A PRELIMINARY FLUTTER ANALYSIS.
 GENERAL DISTRIBUTION
 FEB 1968, 143 P, ILLUS, TABLES
 LGIUS61-1-1
 AD-827 803
 FLUTTER
 ANALYSIS
 WINGS
 MACH NUMBER
 FUELS
 CARGO
 ALTITUDE
 VIBRATION
 AERODYNAMIC LOADING
 MODEL TESTS
 VELOCITY
 SUPPORTS
 JET TRANSPORT PLANES
 C-5A AIRCRAFT
 WING-PYLON
 STIFFNESS
 ATTITUDE / FLIGHT CONTROL SYSTEMS /
 COMPARATIVE STUDIES
 HIGH SPEED

08 00884 NAT U
 01-C
 FRENCH, M. S.
 KNOWLES, P. L.
 LOCKHEED-GEORGIA CO., MARIETTA, GA.
 EMPENNAGE.0 VOLUME II, PART 1.
 C-9A PRELIMINARY FLUTTER ANALYSIS.
 GENERAL DISTRIBUTION
 FEB 1968, 173 P, ILLUS, TABLES, 9 REFS
 AF33/697/15053
 LG1US61-1-2
 AD-827 R17
 FLUTTER
 ANALYSIS
 TAILS /AIRCRAFT/
 ELECTRICAL PROPERTIES
 MECHANICS
 ANALOG COMPUTERS
 MECHANICAL PROPERTIES
 VIBRATION
 YAW
 AERODYNAMIC CHARACTERISTICS
 BOUNDARY LAYER
 DESIGN
 DATA
 STABILIZERS /HORIZONTAL TAIL SURFACE/
 JET TRANSPORT PLANES
 AIRFRAMES
 DAMPING
 C-9A AIRCRAFT
 STIFFNESS
 ELECTROMECHANICS
 BENDING
 INERTIA

09 00885 NAT U
 01-C
 NEWELL, R. K.
 BURRIN, R. M.
 LOCKHEED-GEORGIA CO., MARIETTA, GA.
 ADDITIONAL COMPONENTS.0 VOLUME IV.
 C-9A PRELIMINARY FLUTTER ANALYSIS.
 FEB 1968, 101 P, ILLUS, TABLES, 3 REFS
 AF33/697-15053
 LG1US61-1-4
 AD-827 B20
 FLUTTER
 ANALYSIS
 ENGINE STRUCTURES
 TURBINES
 HYDRAULIC PRESSURE PUMPS
 STRESSES
 EQUATIONS
 GYROSCOPES
 MOMENTS
 AERODYNAMIC FORCES
 WIND TUNNEL MODELS
 JET TRANSPORT PLANES
 RAMJET INLETS
 ROTOR BLADES /TURBOMACHINERY/
 FAILURE /MECHANICS/
 SUPPORTS
 MOTION
 AERODYNAMIC LOADING
 C-9A AIRCRAFT
 ENGINE-PYLONS /INBOARD AND OUTBOARD/
 NAT /RAM AIR TURBINE/

02 00886 NAT U
 00-F
 BROADWAY, J. E.
 BRYNN-VAUGHAN, R. M. 1/LT.
 AIR FORCE INST. OF TECH. SCHOOL OF SYSTEMS
 AND LOGISTICS, WRIGHT-PATTERSON AFB, OHIO.
 A CASE STUDY ANALYSIS OF AIR LOGISTICS
 COMMAND MANAGEMENT OF GROUND COMMUNICATIONS-
 ELECTRONICS-RETELEOLOGICAL PROGRAMS.0
 THESIS.
 NO FOREIGN
 AUG 1967, 130 P
 SLSP-20-67
 AD-825 765
 LOGISTICS
 ANALYSIS
 COMMAND & CONTROL SYSTEMS
 ELECTRONICS
 COMMUNICATION SYSTEMS
 MANAGEMENT ENGINEERING
 DESIGN
 METHODOLOGICAL INSTRUMENTS
 CASE STUDIES
 C-9 /GROUND COMMUNICATIONS-ELECTRONICS-
 METHODOLOGICAL PROGRAMS/

03 00887 NAT U
 00-F
 BIRKHALTER, M. H.
 WHITE, J. H., JR.
 AIR FORCE INST. OF TECH. SCHOOL OF SYSTEMS AND
 LOGISTICS, WRIGHT-PATTERSON AFB, OHIO.
 AN ANALYSIS OF ANA PROCUREMENT TRANSACTIONS
 UNDER \$10,000 FOR MANAGEMENT IMPROVEMENT.0
 THESIS.
 NO FOREIGN
 AUG 1967, 99 P, TABLES
 SLSP-30-67
 AD-825 766
 ANALYSIS
 ARMED FORCES SUPPLIES
 PROCUREMENT
 MANAGEMENT ENGINEERING
 AIR FORCE
 ANA /AIR MATERIAL AREA/
 TRANSACTIONS
 PURCHASING

04 00888 NAT U
 00-C
 BRETT, J. D.
 PALINKAS, D., 1/LT.
 AIR FORCE INST. OF TECH. SCHOOL OF SYSTEMS AND
 LOGISTICS, WRIGHT-PATTERSON AFB, OHIO.
 A METHODOLOGY FOR DETERMINING THE
 OPTIMUM UNIT OF ISSUE FOR LOW COST
 ELECTRIC ITEMS.0 THESIS.
 NO FOREIGN
 AUG 1967, 128 P, ILLUS, TABLES
 SLSP-36-67
 AD-825 767
 COSTS
 LOGISTICS
 ECONOMICS
 MANAGEMENT ENGINEERING
 ELECTRONIC EQUIPMENT
 EFFECTIVENESS
 MEASUREMENT
 VOLUME
 STATISTICAL DATA
 PROCESSING
 METHODOLOGY
 LOW COST
 INVENTORY MANAGEMENT
 COMPARATIVE STUDIES

68 00889 NAT U
 11
 TIDUS, D. B.
 TELEDYNE SYSTEMS CO., MANTHORNE, CALIF.
 INERTIAL SUBSYSTEM.0 FINAL REPORT,
 PHASE I, BOOK III.
 INTEGRATED DOPPLER INERTIAL LORAN
 NAVIGATION SYSTEM /U/.
 GOVERNMENT AGENCIES ONLY
 OCT 1967, 163 P, ILLUS, TABLES
 F33615-67-C-1185
 TSC-1901
 AD-825 777
 DOPPLER NAVIGATION
 INERTIAL NAVIGATION
 LORAN
 SENSING ELEMENTS
 DIGITAL COMPUTERS
 TESTS
 ANALYSIS
 OPERATION
 EFFECTIVENESS
 DATA
 RELIABILITY
 MAINTAINABILITY
 NAVIGATIONAL AIDS
 POWER SUPPLIES
 DIL SYSTEM /DOPPLER-INERTIAL-LORAN/
 ASM 82 INERTIAL SUBSYSTEM

68 00890 NAT U
 11
 TIDUS, D. B.
 TELEDYNE SYSTEMS CO., MANTHORNE, CALIF.
 INERTIAL SUBSYSTEM.0 FINAL REPORT,
 PHASE I, BOOK IV.
 INTEGRATED DOPPLER INERTIAL LORAN
 NAVIGATION SYSTEM /U/.
 GOVERNMENT AGENCIES ONLY
 OCT 1967, 163 P, ILLUS, TABLES
 F 361 1185
 TSC-1901
 AD-825 778
 DOPPLER NAVIGATION
 INERTIAL NAVIGATION
 LORAN EQUIPMENT
 SENSING ELEMENTS
 DIGITAL COMPUTERS
 DESIGN
 THEORY
 ANALYSIS
 MODELS /SIMULATIONS/
 OPERATION
 CONTROL
 DISPLAY SYSTEMS
 MAINTAINABILITY
 RELIABILITY
 RADIO RECEIVERS
 DIL SYSTEM /DOPPLER-INERTIAL-LORAN/
 LORAN C/D RECEIVER

68 00891 NAT U
 11
 TIDUS, D. B.
 TELEDYNE SYSTEMS CO., MANTHORNE, CALIF.
 MANAGEMENT-PRODUCTION-SUPPORT-COST.0
 FINAL REPORT, PHASE I, BOOK VI.
 INTEGRATED DOPPLER INERTIAL LORAN
 NAVIGATION SYSTEM /U/.
 GOVERNMENT AGENCIES ONLY
 OCT 1967, 217 P, ILLUS, TABLES
 F33615-67-C-1185
 TSC-1901
 AD-825 779
 DOPPLER NAVIGATION
 INERTIAL NAVIGATION
 LORAN
 PRODUCTION
 COSTS
 LOGISTICS
 SENSING ELEMENTS
 DIGITAL COMPUTERS
 VOLUME
 CONTROL
 TESTS
 DESIGN
 DIL SYSTEM /DOPPLER-INERTIAL-LORAN/
 MANAGEMENT
 SUPPORT
 MANUFACTURING
 FACILITIES

68 00892 NAT U
 02-1
 HERNDON, D. F.
 FEDERAL AVIATION ADMINISTRATION, OKLAHOMA
 CITY.
 EVALUATION OF STALL BARRIER CONCEPT IN
 T-34 AIRPLANE.0
 GENERAL DISTRIBUTION
 FEB 1968, 58 P, ILLUS
 PROJ-68-624-160
 EFFECTIVENESS
 STALL-WARNING INDICATORS
 TRAINING PLANES
 FEDERAL AVIATION ADMINISTRATION
 FLIGHT TESTING
 FAA T-34 AIRCRAFT
 STALL BARRIER DEVICE
 OPTIONAL

68 00893 NAT U
 00-0
 DOWNS, M. R.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
 MANNED SPACECRAFT CENTER, HOUSTON, TEX.
 CHEMICALLY INDUCED IGNITION IN AIRCRAFT
 AND SPACECRAFT ELECTRICAL CIRCUITRY BY
 GLYCOL/WATER SOLUTIONS.0
 GENERAL DISTRIBUTION
 APR 1968, 19 P, ILLUS, 4 REFS
 NASA-TN-D-6327
 N50-22213
 CHEMICAL REACTIONS
 IGNITION
 MILITARY AIRCRAFT
 ELECTRIC CURRENTS
 CIRCUITS
 ALCOHOL
 WATER
 SOLUTIONS
 SILVER SOLDER
 ELECTRIC INSULATION
 COPPER
 AMPLITUDE MODULATION
 MANNED SPACECRAFT
 GLYCOL
 SILVER CHELATION
 RECEIVER

48 00894 NAT U
 09-D
 SULLIVAN, L. L.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
 LEWIS RESEARCH CENTER, CLEVELAND.
 TEXTURE STRENGTHENING AND FRACTURE
 TOUGHNESS OF TITANIUM ALLOY SHEET AT ROOM
 AND CRYOGENIC TEMPERATURES.0
 GENERAL DISTRIBUTION
 MAY 1968, 31 P, ILLUS, TABLES
 NASA-TN-D-6444
 N68-22084
 FRACTURE /MECHANICS/
 TOUGHNESS
 TITANIUM ALLOYS
 SHEETS
 ATMOSPHERIC TEMPERATURE
 CRYOGENICS
 STRESSES
 ANISOTROPY
 MATHEMATICAL ANALYSIS
 TEXTURE STRENGTHENING
 UNIAXIAL
 BIAXIAL
 PLASTIC POISSONS RATIO

48 00895 NAT U
 06-B
 KINAMAN, E. W.
 WATKINS-JOHNSON CO., PALO ALTO, CALIF.
 ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
 N. Y.
 8-18 GHZ LOW NOISE TWT AMPLIFIER.0
 INTERIM REPORT/11 JANUARY TO 15 SEPTEMBER
 1967/.
 NO FOREIGN
 DEC 1967, 24 P, ILLUS
 F30602-67-C-0088
 RADC-TR-67-574
 AD-825 785
 MAGNETIC AMPLIFIERS
 TRAVELING-WAVE TUBES
 X BAND
 K BAND
 NOISE /RADAR/
 MICROWAVE AMPLIFIERS
 GAIN
 ELECTRICAL POTENTIAL
 PACKAGED CIRCUITS
 POWDER
 COATINGS
 WIRE
 CATHODES /ELECTRON TUBES/
 SURFACE PROPERTIES
 8-18 GHZ /GIGAHERTS/
 LOW NOISE
 ALLIGATOR SKIN EFFECT

48 00896 NAT U
 38-C
 VIGOR, M.
 TRG, INC., EAST BOSTON, MASS
 ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
 N. Y.
 INVESTIGATION OF SCALAR FEED MONOPULSE
 CAPABILITY.0 FINAL REPORT /FEBRUARY 1966 TO
 NOVEMBER 1967/.
 NO FOREIGN
 DEC 1967, 56 P, ILLUS, 4 REFS
 AF30/602/-3996
 RADC-TR-67-616
 AD-825 721
 MONOPULSE RADAR
 EFFECTIVENESS
 HORN ANTENNAS
 ANTENNA FEEDS
 ANALYSIS
 PROGRAMMING /COMPUTERS/
 SPECIAL FUNCTIONS /MATHEMATICAL/
 CIRCUITS
 PROBES /ELECTROMAGNETIC/
 RADIO FIELDS
 ANTENNA RADIATION PATTERNS
 RADAR ANTENNAS
 SCALAR FEED
 SINGLE MODE MONOPULSE SYSTEMS /TWO-FOUR-HORN/

48 00897 NAT U
 09-F
 ZURBRICK, J. R.
 AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
 AFB, OHIO.
 DEVELOPMENT OF NONDESTRUCTIVE TESTS FOR
 QUANTITATIVELY EVALUATING GLASS FABRIC
 REINFORCED LAMINATES.0 SUMMARY TECHNICAL
 REPORT /JUNE 1966 TO JUNE 1967/.
 NO FOREIGN
 DEC 1967, 135 P, ILLUS, TABLES, 9 REFS
 AFML-TR-67-170
 AD-825 991
 NON-DESTRUCTIVE TESTING
 EFFECTIVENESS
 LAMINATED GLASS
 EPOXY PLASTICS
 PHENOLIC PLASTICS
 POLYESTER PLASTICS
 SILICONE PLASTICS
 DIELECTRICS
 PROBES /ELECTROMAGNETIC/
 ULTRASONIC RADIATION
 DATA PROCESSING SYSTEMS
 ANALYSIS
 OPTIMIZATION
 EQUATIONS
 DESIGN
 ORGANIC MATERIALS
 101 STYLE E GLASS
 QUANTITATIVE
 POLYBENZIMIDAZOLE

48 00898
 09-C
 DEBOLT, M. E.
 AVCO CORP. SPACE SYSTEMS DIV., WILMINGTON,
 MASS.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AIR AFB, N. Y.
 DEVELOPMENT OF MATERIALS FOR HARDENED
 ANTENNAS AND PROTECTIVE STRUCTURES.
 FINAL TECHNICAL REPORT /30 JUNE 1966
 TO 20 JUNE 1967/.
 NO FOREIGN
 JAN 1968, 252 P, ILLUS, TABLES, 17 REFS
 AF30/6027-4311
 RADG-TR-67-561, VOLUME II.
 AD-826 064
 MATERIALS
 SPECIFICATIONS
 HARDENING
 ANTENNAS
 THERMAL INSULATION
 PROTECTIVE TREATMENTS
 STRUCTURAL PROPERTIES
 HANDBOOKS
 DESIGN
 ABLATION
 OPERATION
 EFFECTIVENESS
 WINDOW

NAT U

48 00899
 09-F
 ARNOLD, J. S.
 VINCENT, C. T.
 STANFORD RESEARCH INST., MENLO PARK, CALIF.
 DEVELOPMENT OF NONDESTRUCTIVE TESTS FOR
 STRUCTURAL ADHESIVE BONDS.
 TECHNICAL REPORT.
 GENERAL DISTRIBUTION
 DEC 1959, 82 P, ILLUS, TABLES
 WADC-TR-54-231-PART 7
 AD-825 955
 NON-DESTRUCTIVE TESTING
 STRUCTURAL PARTS
 BONDING
 LAMINATED PLASTICS
 SANDWICH PANELS
 IMPACT SHOCK
 ELEMENTARY PARTICLES
 TRANSDUCERS
 VIBRATION
 MEASUREMENT
 DATA
 EFFECTIVENESS
 ULTRASONIC RADIATION
 STUB-METER /STANFORD ULTRASONIC BOND METER/
 LOADING /ELECTRONICS/

NAT U

48 00900
 09-C
 CAIN, F. L.
 BYRNS, K. G., JR.
 GEORGIA INST. OF TECH., ATLANTA. ENGINEERING
 EXPERIMENT STATION.
 NAVAL SHIP SYSTEMS COMMAND, WASHINGTON, D. C.
 STATISTICAL GAIN CHARACTERISTICS OF
 RADAR ANTENNAS. FINAL ENGINEERING REPORT
 /JUNE 1966 TO JANUARY 1967/.
 GOVERNMENT AGENCIES ONLY
 JAN 1968, 154 P, ILLUS, TABLES, 10 REFS
 NORSR-95379
 GIT-FER-A-958
 AD-826 136
 RADAR ANTENNAS
 GAIN
 STATISTICAL DATA
 RANGES /DISTANCE/
 SITE SELECTION
 FREQUENCY
 BEAMS /ELECTROMAGNETIC/
 POLARIZATION
 ANTENNA RADIATION PATTERNS
 FRESNER ZONE
 FRAUNHOFER ZONE
 WIDTH /DIMENSION/
 STANDARD DEVIATION

NAT U

48 00901
 06-C
 EDWARDS, W. T.
 OSTERMUES, G. D.
 SHESTAG, L. N.
 ITT GILFILLAN, INC., LOS ANGELES.
 ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
 N. Y.
 TACAN ANTENNA TECHNIQUES. FINAL
 REPORT /7 DECEMBER 1965 TO DECEMBER 1966/.
 NO FOREIGN
 DEC 1967, 103 P, ILLUS, 13 REFS
 AF30/6027-4012
 RADG-TR-67-202
 AD-825 780
 ANTENNAS
 RADIOFREQUENCY
 MICROWAVE EQUIPMENT
 MODULATORS
 POWER EQUIPMENT
 MODLL /SIMULATIONS/
 OPERATION
 EFFECTIVENESS
 NAVIGATION
 ANTENNA RADIATION PATTERNS
 ELECTRONIC SCANNERS
 TECHNIQUES
 TACAN /TACTICAL AIR NAVIGATION/
 BREADBOARD MODEL
 POWER DIVIDERS

NAT U

68 00902

NAT U

11
TAMURA, J. M.
WHISTLER, P. M.
FELSMAN, W. O.
LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
RESEARCH AND TECHNOLOGY DIV. SYSTEMS
ENGINEERING GROUP, WRIGHT-PATTERSON AFB,
OHIO.
SYSTEMS ANALYSIS AND MECHANIZATION
STUDIES.# APPENDIX I, FINAL TECHNICAL REPORT.
DOPPLER INERTIAL LORAN NAVIGATION SYSTEM.
OFFICIAL USE ONLY
OCT 1967, 220 P, ILLUS, TABLES
F33/615/-67-C-1184
AY 50005567
AD-826 970
DOPPLER NAVIGATION
INERTIAL NAVIGATION
LORAN
OPERATIONS RESEARCH
MECHANICS
SENSING ELEMENTS
SPECIAL FUNCTIONS /MATHEMATICAL/
CORRELATION TECHNIQUES
COMPUTER STORAGE DEVICES
STOCHASTIC PROCESSES
LINEAR SYSTEMS
VECTOR ANALYSIS
MATRIX CALCULUS
REACTION KINETICS
DIL /DOPPLER-INERTIAL-LORAN/ NAVIGATION SYSTEM
COVARIANCE
FAST-REACTION MISSION

68 00903

NAT U

11
TAMURA, J. M.
WHISTLER, P. M.
FELSMAN, W. O.
LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
RESEARCH AND TECHNOLOGY DIV. SYSTEMS
ENGINEERING GROUP, WRIGHT-PATTERSON AFB,
OHIO.
CONTROLS AND DISPLAYS ANALYSES.#
APPENDIX II.
DOPPLER INERTIAL LORAN NAVIGATION SYSTEM.
OFFICIAL USE ONLY
OCT 1967, 671 P, ILLUS, TABLES
F33/615/-67-C-1184
AY 50005567
AD-826 971
DOPPLER NAVIGATION
INERTIAL NAVIGATION
LORAN
SPECIFICATIONS
CONTROL SYSTEMS
DISPLAY SYSTEMS
ANALYSIS
NAVIGATION COMPUTERS
SPECIAL FUNCTIONS /MATHEMATICAL/
NOISE /RADAR/
GROUND SPEED
SENSING ELEMENTS
DATA
DIFFERENTIAL EQUATIONS
TRACKING
MEASUREMENT
DOPPLER RADAR

68 00904

NAT U

11
TAMURA, J. M.
WHISTLER, P. M.
FELSMAN, W. O.
LITTON SYSTEMS, INC., GUIDANCE CONTROL AND
SYSTEMS DIV., WOODLAND HILLS, CALIF.
RESEARCH AND TECHNOLOGY DIV. SYSTEMS
ENGINEERING GROUP, WRIGHT-PATTERSON AFB, OHIO.
SYSTEMS EFFECTIVENESS REPORT.#
APPENDIX III
DOPPLER INERTIAL LORAN NAVIGATION SYSTEM.
GENERAL DISTRIBUTION
OCT 1967, 379 P, VOL III
F33/615/-67-C-1184
AY 50005567
AD-826 972
DOPPLER NAVIGATION
INERTIAL NAVIGATION
LORAN
SYSTEMS ENGINEERING
RELIABILITY
MAINTAINABILITY
COSTS
ANALYSIS
OPERATION
EFFECTIVENESS
SENSING ELEMENTS
COMPUTERS
CONTROL
DIL /DOPPLER INERTIAL-LORAN/ NAVIGATION SYSTEM
CONTROL /INDICATOR UNIT

68 00905

NAT U

11
RESEARCH TECHNOLOGY DIV. SYSTEMS
ENGINEERING GROUP, WRIGHT-PATTERSON AFB, OHIO.
GENERAL PRECISION SYSTEMS, INC., WAYNE, N. J.
COMPUTER SUBSYSTEM.# VOLUME V, FINAL
TECHNICAL REPORT.
DOPPLER INERTIAL LORAN NAVIGATION SYSTEM.
OFFICIAL USE ONLY
SEP 1967, 108 P, ILLUS, TABLES
F33/615/67-C-1184
AD-826 970
DOPPLER NAVIGATION
INERTIAL NAVIGATION
LORAN
COMPUTERS
CONTROL SYSTEMS
DISPLAY SYSTEMS
CORRELATION TECHNIQUES
SENSING ELEMENTS
INPUT-OUTPUT DEVICES
RELIABILITY
MAINTAINABILITY
MATRIX CALCULUS
DIL /DOPPLER-INERTIAL-LORAN/ NAVIGATION SYSTEM
SUBSYSTEM
KALMAN-CORRELATION FILTERING /OPTIMAL
FILTERING/
IMU /INERTIAL MEASURING UNIT/
NAU /NAVAL/
INTERFACE

68 00906
06-J
WATSON, J. G.
BERRYMAN, W. C.
KANOSKI, G. W.
BOTSFORD, G. J.
BLACK, N. N.
BENDIX FIELD ENGINEERING CORP., OWINGS MILLS,
MD.
AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO.
SPECTRUM SIGNATURE OF AN/APN-133 RADAR
ALTIMETER.# FINAL REFRAT.
NO FOREIGN
JUG 1967, 96 P, ILLUS, TABLES, 2 REFS
AP33/615/-5116
SEG-TR-67-41
AD-827 458
ALTIMETERS
RADAR
TEST EQUIPMENT /ELECTRONICS/
MEASUREMENT
FREQUENCY
POWER
PULSE DISCRIMINATORS
RESPONSE
TRANSMITTER-RECEIVERS
SPECTRUM ANALYZERS
DATA
AN/APN-133
SPECTRUM SIGNATURE

NAT U

68 00907
08-C
DEPARTMENT OF DEFENSE, OFFICE OF THE
SECRETARY FOR INSTALLATIONS AND LOGISTICS,
WASHINGTON, D. C.
PROCEEDINGS.# VOLUME I.
THE ROLE OF VALUE ENGINEERING IN SUPPORT
OF DEFENSE MANAGEMENT OBJECTIVES.
NO FOREIGN
SEP 1967, 159 P, ILLUS
AD-827 566
DEPARTMENT OF DEFENSE
MANAGEMENT ENGINEERING
CONFERENCES
ARMED FORCES BUDGETS
COSTS
REDUCTION
ARMED FORCES PROCUREMENT
VE /VALUE ENGINEERING/
DCAA /DEFENSE CONTRACT AUDIT AGENCY/
PROGRAM MANAGEMENT
CONFIGURATION MANAGEMENT
CONTRACTS

NAT U

68 00907
08-A
DEPARTMENT OF DEFENSE, OFFICE OF THE
SECRETARY FOR INSTALLATIONS AND LOGISTICS,
WASHINGTON, D. C.
PROCEEDINGS.# VOLUME II.
THE ROLE OF VALUE ENGINEERING IN SUPPORT
OF DEFENSE MANAGEMENT OBJECTIVES.
NO FOREIGN
SEP 1967, 817 P, ILLUS, TABLES
AD-827 567
DEPARTMENT OF DEFENSE
MANAGEMENT ENGINEERING
CONFERENCES
MOTIVATION
PROCUREMENT
COMMERCE
RESEARCH PROGRAM ADMINISTRATION
GUIDED MISSILES
ARMED FORCES SUPPLIES
CONFIGURATION
EFFECTIVENESS
ECONOMICS
CONTROL
NAVY
SHIPS
TRAINING
INTEGRATION
STRATEGIC AIR COMMAND
RELIABILITY
VALUE ENGINEERING
CONTRACTS
CIVIL WORKS
TALOS AIRCRAFT

NAT U

68 00909
09-E
ROSS, S. H.
DOUGHERTY, F. J., JR.
ARMY, FRANKFORD ARSENAL, PHILADELPHIA.
FUNGUS RESISTANCE OF VINYL POLYMER
INSULATING CABLE COVERINGS.#
TECHNICAL RESEARCH REPORT.
GOVERNMENT AGENCIES ONLY
NOV 1967, 13 P, ILLUS
AMRS-4810-16.4 17.1.01
FA-MR-468-12-1
AD-827 574
FUNGUS
VINYL PLASTICS
ELECTRIC INSULATION
ELECTRIC CABLES
DEGRADATION
TEST METHODS
REFRACTORY MATERIALS
PROTECTIVE COVERINGS
RESISTANCE /NON-ELECTRICAL/
VINYLENE BP-5 FUNGICIDE

NAT U

68 00910
09-B
CHAPPELLO, C. C., JR.
DEGENHARD, J. J.
WHITENAD, M. E.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
ADDITIVES FOR HIGH TEMPERATURE
HYDRAULIC FLUIDS.#
TECHNICAL REPORT /15 NOVEMBER 1966 TO
15 NOVEMBER 1967/.
GOVERNMENT AGENCIES ONLY
JAN 1968, 61 P, ILLUS, 10 REFS
F33615-67-C-1306
APPL-TR-67-2, PART II
AD-827 597
ADDITIVES
HIGH-TEMPERATURE RESEARCH
HYDRAULIC FLUIDS
ORGANIC COMPOUND
SYNTHESIS
ORGANOTIN COMPOUNDS
PERFLUOROAROMATIC COMPOUNDS
AROMATIC PHOSPHINES
AROMATIC ETHERS

NAT U

68 00911 NAT U
09-B
KRYTER, K. D., DR.
STANFORD RESEARCH INST., MENLO PARK, CALIF.
STARTLE REACTIONS OF PEOPLE TO SONIC
BOOMS.8
NO FOREIGN
/196-/, 214 P, ILLUS, TABLE, 11 REFS
AD-827 747
SONIC BOOM
REACTION /PSYCHOLOGY/
MAN
HEARING
PHYSIOLOGY
ADAPTATION /PHYSIOLOGY/
LABORATORIES
INTENSITY
ENVIRONMENTAL TESTS
LOUDNESS
REAL-LIFE

68 00912 NAT U
08-D
ANAMCYK, A. M.
MITRE CORP., BEDFORD, MASS.
AIR FORCE SYSTEMS COMMAND, L. C. HANSCOM
FIELD, BEDFORD, MASS.
DESCRIPTION OF THE AUTOMATED TASKS
INCLUDED IN THE MITRE AIRLIFT CONTROL
CENTER /ALCC/.8
GOVERNMENT AGENCIES ONLY
FEB 1968, 88 P, ILLUS
AF 14/628/-9169
ESD-TA-87-429
MTR-539
AD-827 965
AUTOMATION
AIR TRANSPORTATION
DIGITAL COMPUTERS
COMMAND & CONTROL SYSTEMS
DESIGN
UPDATING /COMPUTERS/
DATA PROCESSING SYSTEMS
DOCUMENTATION
TACTICAL AIR COMMAND
ALCC /AIRLIFT CONTROL CENTER/
PHOENIX COMPUTER
PHOCAL /PROGRAMMING LANGUAGE/
QUERY
BACKUP SYSTEM
AIRLIFT

68 00913 NAT U
09-B
KUCHTA, J. M.
CATO, R. J.
IRVING, S.
WHITTNER, M. G.
AIR FORCE AERD PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
EVALUATION OF FLAME ARRESTOR MATERIALS
FOR AIRCRAFT FUEL SYSTEMS.8
TECHNICAL REPORT.
NO FOREIGN
FEB 1968, 30 P, ILLUS, TABLES
AFAPL-TR-87-158
AD-828 014
ANALYSIS
FLAME ARRESTORS
MILITARY AIRCRAFT
FUEL SYSTEMS
PLASTICS
POROSITY
TEMPERATURE
PRESSURE
SPARK IGNITION
IGNITION
DATA
POLYURETHANE FOAM
RETICULATED
GUN AMMUNITION

68 00914 NAT U
01-B
LENNIOS, A. Z.
SMITH, A. F.
BERMAN, A.
KAMAN AIRCRAFT CORP., BLOOMFIELD, CONN.
NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C.
THE AEROELASTIC BEHAVIOR OF ROTARY WINGS
IN FORWARD FLIGHT.8 FINAL REPORT,
VOLUME I - ANALYSIS.
GOVERNMENT AGENCIES ONLY
/196-/, 99 P, ILLUS
NOM-64-0488F
KAC-R-385
AD-828 039
AEROELASTICITY
ROTARY WINGS
FLIGHT
ROTOR BLADES /ROTARY WINGS/
AERODYNAMIC LOADING
PARTIAL DIFFERENTIAL EQUATIONS
THEORY
RESPONSE
HARMONIC ANALYSIS
BOUNDARY VALUE PROBLEMS
HELICOPTERS
MATHEMATICAL MODELS
MATRIX CALCULUS
MOTION
FORWARD FLIGHT
STRIP THEORY
MODAL ANALYSIS

68 00915 NAT U
02-J
BROWN, A. D.
JEFFS, N. J.
BETTS, L.
QT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
A SIMULATOR INVESTIGATION OF THE PROBLEMS
OF VISUAL TAXI-GUIDANCE IN LOW VISIBILITIES.8
TECHNICAL REPORT.
GENERAL DISTRIBUTION
AUG 1967, 28 P, ILLUS, 4 REFS
RAB-TR-67170
AD-828 173
FLIGHT SIMULATORS
TAXIWAYS
GUIDANCE
VISIBILITY
REDUNDANT COMPONENTS
OPERATION
EFFECTIVENESS
TRACKING
VELOCITY
LIGHTING EQUIPMENT
PILOTS
COCKPITS
GROUND-SPEED INDICATORS
RANGES /DISTANCE/
BLEU /BLIND LANDING EXPERIMENTAL UNIT/
RVR /RUNWAY VISUAL RANGE/
VS /VISUAL SEGMENT/
TVR /TAXIWAY VISUAL RANGE/
ICAO /INTERNATIONAL CIVIL AVIATION
ORGANIZATION/

68 00916 NAT U
 09-A
 SCHLEICHER, A. R.
 BECKMANN, J. D.
 WESTERN CO. RESEARCH DIV., RICHARDSON, TEX.
 OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
 IMPLICATIONS OF THE GELLED STATE OF
 MATTER FOR NAVAL APPLICATIONS.0
 FINAL REPORT, FEBRUARY 1968.
 GENERAL DISTRIBUTION
 FEB 1968, 64 P, ILLUS, 39 REFS
 NO0014-66-CO296
 AD-828 294
 GELS
 ACOUSTICS
 SAFETY
 FUELS
 FLAMES
 DRAG
 REDUCTION
 ATTENUATION
 WAVE TRANSMISSION
 SURFACE TENSION
 AIRCRAFT FIRES
 WARFARE
 NAVAL AVIATION
 NAVAL OPERATIONS
 RHEOLOGY

69 00917 NAT U
 11
 RUTH, J. C., MAJ.
 MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
 INSTRUMENTATION LAB.
 AIR FORCE MISSILE DEVELOPMENT CENTER,
 HOLLAMAN AFB, N. MEX.
 A PARAMETRIC COMPARISON OF AIRCRAFT
 INERTIAL NAVIGATION SYSTEMS.0
 DOCTORAL THESIS.
 NO FOREIGN
 JUN 1967, 551 P, ILLUS, 53 REFS
 AF29/600/-5478
 NDC-TR-67-22-VOL II
 T-687
 AD-828 475
 INERTIAL NAVIGATION
 AIRCRAFT
 ERRORS
 TIME
 MATHEMATICAL MODELS
 ANALYSIS
 COMPARATIVE STUDIES
 MANEUVERS
 MISSIONS

68 00918 NA. U
 11
 RUTH, J. C., MAJ.
 MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
 INSTRUMENT LAB.
 AIR FORCE MISSILE DEVELOPMENT CENTER,
 HOLLAMAN AFB, N. MEX.
 A PARAMETRIC COMPARISON OF AIRCRAFT
 INERTIAL NAVIGATION SYSTEMS.0
 DOCTORAL THESIS.
 NO FOREIGN
 JUN 1967, 238 P, TABLES, 53 REFS
 NDC-TR-67-22-VOL I
 AD-828 424
 INERTIAL NAVIGATION
 AIRCRAFT
 EQUATIONS
 ERRORS
 MATHEMATICAL PREDICTION
 DIGITAL COMPUTERS
 SIMULATION
 ACCELEROMETERS
 GYROSCOPES
 ANALYSIS
 FLIGHT
 TIME
 MATHEMATICAL MODELS
 COMPARATIVE STUDIES
 FLIGHT PROFILES
 MANEUVERS
 MISSIONS

68 00919 NAT U
 08-P
 CLARKE, R. M.
 WEINGARTEN, L. B.
 RESEARCH ANALYSIS CORP., MCLEAN, VA.
 ARMY. OFFICE OF THE CHIEF OF RESEARCH AND
 DEVELOPMENT, WASHINGTON, D. C.
 AN AIRCRAFT COMPONENT INTENSIVE
 MANAGEMENT SYSTEM /ACTINS/.0
 GOVERNMENT AGENCIES ONLY
 MAR 1968, 60 P, ILLUS, TABLES, 13 REFS
 DA-44-188-ARD-1
 RAC-R-60
 AD-828 600L
 MANAGEMENT ENGINEERING
 ARMY AIRCRAFT
 LOGISTICS
 CONTROL
 REDUCTION
 TIME
 MAINTENANCE
 TECHNIQUES
 DATA
 ANALYSIS
 AIRCRAFT EQUIPMENT
 ACTINS /AIRCRAFT COMPONENT INTENSIVE
 MANAGEMENT SYSTEM/
 INVENTORY
 REQUIREMENTS
 REDISTRIBUTION
 CRITICAL COMPONENTS

68 00920 NAT U
09-A
CONSTANTINE, M. T.
NORTH AMERICAN AVIATION, INC. ROCKETDYNE
DIV., CANOGA PARK, CALIF.
EVALUATION OF SAFETY CLOTHING MATERIAL.
NO FOREIGN
FEB 1961, 30 P, ILLUS, TABLES
AF04/6117-5963
AD-828 987
ANALYSIS
SAFETY
PROTECTIVE CLOTHING
MATERIALS
DEGRADATION
GASES
FLUORINE
LIQUIDS
CHLORINE COMPOUNDS
PENTABORANES
SELECTION
CONSTRUCTION
CHEMICAL REACTIONS
TEST METHODS
RESISTANCE /NON-ELECTRICAL/
GRA-LITE, 141-117-3
HODGMAN CAT 4666
JUPUNT H4,001-B
GENETRON VK

68 00921 NAT U
02-A
PYLE, R. W., LCDR.
YORK, M. W., LT.
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
TRANSONIC FAN FOR AIRCRAFT AIR-CONDITIONING
UNIT.
NO FOREIGN
JUN 1967, 118 P, ILLUS, TABLES, 7 REFS
AD-829 197
TRANSONIC CHARACTERISTICS
AXIAL-FLOW FANS
AIRCRAFT
AIR CONDITIONING EQUIPMENT
DESIGN
INLET GUIDE VANES
MODIFICATION KITS
MODEL TESTS
REYNOLDS NUMBER
PRESSURE
PROBES /ELECTROMAGNETIC/
AXIALLY SYMMETRIC FLOW
VELOCITY
LOSS

68 00922 NAT U
06-C
GONSALVES, V. M. N. N.
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
THE ANALYSIS OF A LOG-PERIODIC ZIG-ZAG
ANTENNA.
NO FOREIGN
SEP 1967, 134 P, ILLUS, 25 REFS
AD-829 251
ANALYSIS
ANTENNA CONFIGURATIONS
OPERATION
ANTENNA RADIATION PATTERNS
ELECTRICAL IMPEDANCE
ELECTRIC CURRENTS
DISTRIBUTION
TRANSMISSION LINES
THEORY
MODELS /SIMULATIONS/
EQUATIONS
HELIX /BENT LOG-PERIODIC ZIG-ZAG ANTENNA/
PATTERNS
NON-UNIFORM

68 00923 NAT U
13-A
CHURCH, D. E.
BUREAU OF THE CENSUS, WASHINGTON, D. C.
NATIONAL TRAVEL SURVEY -- FINDINGS AND
THEIR USE IN A PROPOSED COMPUTER MODEL.
PRESENTED AT THE TRAVEL RESEARCH ASSOCIATION
NEW YORK CITY, MAY 19, 1964.
GENERAL DISTRIBUTION
MAY 1964, 7 P, TABLES
COMPUTERS
MODELS /SIMULATIONS/
DATA
ANALYSIS
VOLUME
PASSENGERS
TRANSPORTATION
DISTRIBUTION
ECONOMICS
TRAM /TRAVEL ANALYSIS MODEL/
DISTANCE
SOCIOECONOMICS

68 00924 NAT U
04-E
AHLERS, E. R.
HAMPTON, D.
TRUESDALE, W. B.
ILLINOIS INST. OF TECH., CHICAGO. IIT RESEARCH
INST.
AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO.
CIVIL AND MILITARY AIRFIELDS.
VOLUME I,
PART I.
AIRFIELD/RUNWAY SURVEY OF THE U.S.Z.T.
NO FOREIGN
SEP 1967, 500 P, ILLUS
AD-825 413
LANDING FIELDS
RUNWAYS
CIVIL AVIATION
MILITARY AVIATION
AIRCRAFT INDUSTRY
LANDING AIDS
NAVIGATIONAL AIDS
LIGHTING EQUIPMENT
AIRPORTS
PAVEMENTS
ELASTICITY
INSTRUMENT FLIGHT
VISIBILITY
CEILING
TERMINAL FLIGHT FACILITIES
MAINTENANCE
USE /U. S. ZONE OF THE INTERIOR/
DISTANCE

68 00925 NAT U
12-A
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
AN ECONOMIC ANALYSIS.
PART I.
EXECUTIVE SUMMARY.
GENERAL DISTRIBUTION
JUN 1965, 500 P, ILLUS, TABLES
ECONOMICS
ANALYSIS
ABSTRACTS
SUPERSONIC TRANSPORTS
OPERATIONS RESEARCH
AIR TRANSPORTATION
COSTS
OPERATION
EFFECTIVENESS
SONIC BOOM
AIR ROUTES
SIMULATION
MONEY
VOLUME

68 00926 NAT U
05-1
WHERRY, R. J., JR.
LANE, N. E.
NAVAL SCHOOL OF AVIATION MEDICINE, PENSACOLA,
FLA.

THE K-COEFFICIENT, A PERSON-TYPE
SUBSTITUTE FOR THE CONTINGENCY COEFFICIENT.
GENERAL DISTRIBUTION
MAY 1965, 15 P, TABLE, 9 REFS
NSAM-929
AD-622 776
STATISTICAL ANALYSIS
CORRELATION TECHNIQUES
AVIATION MEDICINE
PSYCHOLOGY
K-COEFFICIENT
C /CONTINGENCY COEFFICIENT/
QUALITATIVE VARIABLES

68 00927 NAT U
05-A
PETERSON, F. E.
LANE, N. E.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
THE RELATIONSHIP OF COLLEGE MAJOR TO
SUCCESS IN NAVAL AVIATION TRAINING.
GENERAL DISTRIBUTION
APR 1966, 11 P, TABLES, 4 REFS
NAMI-958
AD-634 610
STUDENTS
NAVAL AVIATION
TRAINING
STATISTICAL FUNCTIONS
SELECTION
MATHEMATICAL PREDICTION
STANDARDS
DATA
AVIATION MEDICINE
UNIVERSITIES
WHERRY-DONLITTLE TECHNIQUE

68 00928 NAT U
05-F
WIRTHLIN, L. S.
BECK, E. P.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
MEASUREMENT OF LEFT CIRCUMFLEX CORONARY
FLOW, CARDIAC OUTPUT, AND CENTRAL AORTIC
PRESSURE IN THE UNMEDICATED GREYHOUND DOG.
GENERAL DISTRIBUTION
MAY 1966, 19 P, ILLUS, TABLES, 15 REFS
NAMI-962
N66-34778
MEASUREMENT
BLOOD CIRCULATION
HEART
AORTA
BLOOD PRESSURE
HOGS
SURGERY
PROBES /ELECTROMAGNETIC/
AVIATION MEDICINE
METABOLISM
DATA
GAS ANALYSIS
OXYGEN
ARTERIES
LCCA /LEFT CIRCUMFLEX CORONARY ARTERY/
UNMEDICATED
GREYHOUND
IMPLANTATION
OXYGEN TENSION
CARDIAC OUTPUT
FLOWMETER /ELECTROMAGNETIC/

68 00929 NAT U
05-1
FLEISCHMAN, H. L.
AMBLER, R. K.
PETERSON, F. E.
LANE, N. E.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.

THE RELATIONSHIP OF FIVE PERSONALITY
SCALES TO SUCCESS IN NAVAL AVIATION
TRAINING.
GENERAL DISTRIBUTION
MAY 1966, 8 P, TABLES, 8 REFS
NAMI-968
AD-636 268
PERSONALITY TESTS
NAVAL AVIATION
TRAINING
AVIATION MEDICINE
STANDARDS
MATHEMATICAL PREDICTION
STATISTICAL FUNCTIONS
SELECTION
CATTELLS SIXTEEN PERSONALITY FACTOR
QUESTIONNAIRE
TAYLOR MANIFEST ANXIETY SCALE
PENSACOLA 2 SCALE
ADJECTIVE CHECK-LIST
ALTERNATE MANIFEST ANXIETY SCALE
VARIABLES

68 00930 NAT U
05-B
HIXSON, W. C.
NIVEN, J. I.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
A TORQUE MOTOR SERVOMOTOR FOR VESTIBULAR
APPLICATION.
GENERAL DISTRIBUTION
SEP 1966, 18 P, ILLUS, 7 REFS
NASA-R-93
NAMI-979
AD-644 003
SERVOMECHANISMS
TORQUE
MOTOR GENERATORS
VESTIBULAR APPARATUS
AVIATION MEDICINE
ACCELERATION
PHYSIOLOGY
RESPONSE
PAR /PERIODIC ANGULAR ROTATOR/

68 00931 NAT U
05-B
HIXSON, W. C.
ANDERSON, J. J.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
THE CORIOLIS ACCELERATION PLATFORM - A
UNIQUE VESTIBULAR RESEARCH DEVICE.
GENERAL DISTRIBUTION
OCT 1966, 28 P, ILLUS, 2 REFS
NASA-R-93
NAMI-980
AD-647 311
TEST EQUIPMENT
ACCELERATION
SPACE ENVIRONMENTAL CONDITIONS
AEROSPACE CRAFT
VESTIBULAR APPARATUS
BIOLOGY
SERVOMECHANISMS
ROTATION
DRIVES
CONTROL PANELS
AVIATION MEDICINE
LINEAR SYSTEMS
CAP /CORIOLIS ACCELERATION PLATFORM/
ANGULAR

68 00932 NAT U
 05-E
 SCHAEFER, M. J.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 A NOTE ON THE GALACTIC RADIATION
 EXPOSURE IN GEOMAGNETICALLY UNPROTECTED
 REGIONS OF SPACE.#
 GENERAL DISTRIBUTION
 OCT 1966, 15 P, ILLUS, TABLES, 11 REFS
 NASA-R-75
 NAMI-982
 AD-646 583
 ELECTROMAGNETIC WAVES
 EXPOSURE
 TERRESTRIAL MAGNETISM
 SPACE ENVIRONMENTAL CONDITIONS
 RADIATION HAZARDS
 SOLAR RADIATION
 MANNED SPACECRAFT
 LIFE EXPECTANCY
 AVIATION MEDICINE
 SHIELDING
 DYNAMICS
 ENERGY
 TISSUES /RADIOLOGY/
 DOSSAGE
 GALACTIC RADIATION
 RIGIDITY
 MAGNETIC

68 00933 NAT U
 05-H
 FREGLY, A. H.
 GRAYBIE, A.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 AN ATAXIA TEST BATTERY NOT REQUIRING
 THE USE OF RAILS.#
 GENERAL DISTRIBUTION
 DEC 1966, 15 P, TABLES, 9 REFS
 NASA-R-93
 NAMI-985
 AD-651 057
 PSYCHOMOTOR TESTS
 AGING /PHYSIOLOGY/
 SEX
 OPERATION
 EFFECTIVENESS
 VESTIBULAR APPARATUS
 AVIATION MEDICINE
 STATISTICAL ANALYSIS
 VERTIGO
 MALFUNCTIONS
 ATAXIA
 SR /SHARPENED ROMBERG/
 SMLEC /STAND ONE LEG EYES CLOSED/
 WALEC /WALK A LINE EYES CLOSED/
 WOFEC /WALK ON FLOOR EYES CLOSED/
 CR /CLASSICAL ROMBERG/

68 00934 NAT U
 05-E
 SCHAEFER, M. J.
 SULLIVAN, J. J.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 RADIATION MONITORING WITH NUCLEAR
 EMULSIONS ON PROJECT GEMINI. RESULTS
 ON THE 14-DAY MISSION GEMINI VII.# PART II.
 GENERAL DISTRIBUTION
 JAN 1967, 14 P, ILLUS, TABLES, 4 REFS
 NAMI-990
 AD-649 385
 RADIO MONITORS
 NUCLEAR REACTIONS
 PHOTOGRAPHY
 COLLOIDS
 RADIATION HAZARDS
 ASTRONAUTS
 PROTECTIVE CLOTHING
 PROTONS
 SPACE ENVIRONMENTAL CONDITIONS
 DOSSAGE
 ABSORPTION
 MEASUREMENT
 AVIATION MEDICINE
 PROJECT GEMINI /GT-VII/
 LET /LINEAR ENERGY TRANSFER/ SPECTRUM
 GRAIN COUNT
 TRACKS /NUCLEAR PHYSICS/

68 00935 NAT U
 05-B
 CLARK, B.
 GRAYBIE, A.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 THE EGOCENTRIC LOCALIZATION OF THE VISUAL
 HORIZONTAL IN NORMAL AND LABYRINTHINE-
 DEFECTIVE OBSERVERS AS A FUNCTION OF HEAD
 AND BODY TILT.#
 GENERAL DISTRIBUTION
 JAN 1967, 7 P, TABLES, 8 REFS
 NASA-D-R-93
 NAMI-991
 AD-650 301
 VISION
 VESTIBULAR APPARATUS
 PERCEPTION
 AVIATION MEDICINE
 DATA
 STATISTICAL ANALYSIS
 BODY
 HEAD
 DEAFNESS
 ERRORS
 MALFUNCTIONS
 HORIZONTAL
 TILT
 L-D /LABYRINTHINE-DEFECTIVE/
 E-PHENOMENON
 COMPARATIVE STUDIES
 ORIENTATION

68 00936 NAT U
 05-B
 MIXSON, W. C.
 NIVEN, J. I.
 LOWERY, C. A.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 A HEAD RESTRAINT DEVICE FOR VESTIBULAR
 STUDIES.#
 GENERAL DISTRIBUTION
 JAN 1967, 6 P, ILLUS
 NASA-R-93
 NAMI-992
 AD-649 776
 HEAD
 VESTIBULAR APPARATUS
 VACUUM APPARATUS
 MOLDING
 AVIATION MEDICINE
 TEST EQUIPMENT
 SAFETY HARNESS
 RESTRAINT SYSTEMS
 BLADDER /NON-ANATOMY/

68 00937 NAT U
 OS-A
 AMBLER, R. K.
 WATERS, L. A.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 THE VALUE OF AN NROTC FLIGHT INDOCTRINATION
 PROGRAM TO NAVAL AVIATION TRAINING.
 GENERAL DISTRIBUTION
 JAN 1967, 9 P, TABLES, 1 REF
 NAMI-994
 AD-644 655
 NAVAL AVIATION
 TRAINING
 SELECTION
 AVIATION MEDICINE
 NROTC /NAVAL RESERVE OFFICERS TRAINING CORPS/
 FIP /FLIGHT INDOCTRINATION PROGRAM/
 COMPARATIVE STUDIES

68 00938 NAT U
 OS-F
 SMITH, R. J., LCDR
 HARTHOFNE, J. W.
 SANDERS, C. A.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 VECTROCARDIOGRAPHIC CHANGES DURING
 INTRACARDIAC INJECTIONS.
 GENERAL DISTRIBUTION
 FEB 1967, 29 P, ILLUS, 19 REFS
 NASA-T-23217
 NAMI-995
 AD-651 936
 ELECTROCARDIOGRAPHY
 INJECTION
 HEART
 ELECTRONICS
 PHYSIOLOGY
 AVIATION MEDICINE
 ARRHYTHMIA
 VECTOR ANALYSIS
 TOXICITY
 SODIUM COMPOUNDS
 CHANGES
 T WAVES
 RADIOOPAQUE MEDIA
 ANGIOGRAPHY

68 00939 NAT U
 OS-F
 KNEPTON, J. C., JR.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 CENTRIFUGATION OF THE WHITE-FRONTED
 CAPUCHIN MONKEY, CEBUS ALBIFRONS /MUNDOLODY.
 GENERAL DISTRIBUTION
 DEC 1966, 4 P, ILLUS, TABLES, 4 REFS
 NAMI-997
 AD-651 067
 CENTRIFUGES
 LABORATORY ANIMALS
 ELECTROCARDIOGRAPHY
 ACCELERATION TOLERANCE
 ENVIRONMENTAL TESTS
 AVIATION MEDICINE
 MALFUNCTIONS
 WHITE-FRONTED CAPUCHIN MONKEY /C. ALBIFRONS
 TACHYCARDIA
 BRADYCARDIA

68 00940 NAT U
 OS-G
 HARLAN, W. H., JR.
 OBERMAN, A.
 MITCHELL, R. E.
 GRAYBELL, A.
 WHEAT, R. J., JR.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 PUBLIC HEALTH SERVICE, WASHINGTON, D. C.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
 WASHINGTON, D. C.
 CONSTITUTIONAL AND ENVIRONMENTAL FACTORS
 RELATED TO SERUM LIPID AND LIPOPROTEIN
 LEVELS.
 GENERAL DISTRIBUTION
 MAR 1967, 24 P, 42 REFS
 NAMI-1000
 NASA-O-M-136
 AD-653 442
 HEART
 DISEASES
 BLOOD PROTEINS
 LIPOPROTEINS
 LIPIDS
 BIOCHEMISTRY
 GENETICS
 CORRELATION TECHNIQUES
 ANALYSIS
 AVIATION MEDICINE
 METABOLISM DISORDERS
 BLOOD CHEMISTRY
 CORONARY
 CORRELATIONS
 ENVIRONMENTAL /BIOLOGY/

68 00941 NAT U
 OS-H
 LANG, P. C.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER,
 ALA.
 FUNCTIONAL ORGANIZATION OF BRAIN STEM
 RESPIRATORY COMPLEX IN THE CAT.
 GENERAL DISTRIBUTION
 MAR 1967, 29 P, ILLUS, 29 REFS
 USAARU-JR-67-1
 AD-652 370
 NERVOUS SYSTEM
 PHYSIOLOGY
 BRAIN
 RESPIRATION
 LABORATORY ANIMALS
 BLOOD
 CARBON DIOXIDE
 OXYGEN
 AVIATION MEDICINE
 REFLEXES
 BRAIN STEM
 CATS /ANIMALS/
 HERING-BREWER REFLEX
 PNEUMOTIC CENTER
 AP NEUSTIC CENTER
 MEDULLARY RESPIRATORY CENTER
 CONCENTRATION
 RATE /RESPIRATION/
 DEPTH RESPIRATION

08 00942 NAT U
 05-G
 YANG, P. C.
 ROSENSTEIN, R.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER,
 ALA.
 THE INFLUENCE OF ALCOHOL AND DRAMAMINE,
 ALONE AND IN COMBINATION, ON PSYCHOMOTOR
 PERFORMANCE.
 GENERAL DISTRIBUTION
 MAR 1967, 16 P, ILLUS, TABLES, 6 REFS
 NAMI-1002
 AMUJ JN-67-2
 AD-652 369
 ALCOHOL
 CNS DEPRESSANTS
 PSYCHOMOTOR TESTS
 PILOTS
 OPERATION
 EFFECTIVENESS
 TIME
 AVIATION MEDICINE
 DRUGS
 DRAMAMINE
 COMPARATIVE STUDIES
 UDCRMENTS

08 00943 NAT U
 05-F
 DIFRMAN, A.
 LANE, N. F.
 MARLAN, W. R., JR.
 GRAYRIEL, A.
 MITCHELL, M. F.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 PUBLIC HEALTH SERVICE, WASHINGTON, D. C.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
 WASHINGTON, D. C.
 TRENDS IN SYSTOLIC BLOOD PRESSURE IN THE
 THOUSAND AVIATOR COHORT OVER A TWENTY-FOUR-
 YEAR PERIOD.
 GENERAL DISTRIBUTION
 APR 1967, 15 P, ILLUS, TABLES, 20 REFS
 AD-655 256
 BLOOD PRESSURE
 PILOTS
 AGING /PHYSIOLOGY/
 AVIATION MEDICINE
 HYPERTENSION
 EPIDEMIOLOGY
 CARDIOVASCULAR SYST-
 STATISTICAL FUNCTIONS
 OBESITY
 SYSTOLIC

08 00944 NAT U
 05-B
 AMBLER, R. K.
 GUEORY, F. E., JR.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER,
 ALA.
 CROSS-VALIDATION OF A BRIEF VESTIBULAR
 DISORIENTATION TEST ADMINISTERED BY A
 VARIETY OF PERSONNEL.
 GENERAL DISTRIBUTION
 MAY 1967, 7 P, TABLES, 7 REFS
 NAMI-1004
 ONAARU-JR-67-4
 NASA-R-93
 AD-667 888
 VESTIBULAR APPARATUS
 STATISTICAL FUNCTIONS
 MOTION SICKNESS
 STANDARDS
 PILOTS
 AVIATION MEDICINE
 ENVIRONMENTAL TESTS
 BUILT /SHORT VESTIBULAR DISORIENTATION TEST/
 VESTIBULAR APPARATUS

08 00945 NAT U
 05-A
 WATERS, L. K.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 EFFECTS OF PERCEIVED SCORING FORMULA ON
 SOME ASPECTS OF TEST PERFORMANCE.
 GENERAL DISTRIBUTION
 JUN 1967, 9 P, TABLES, 5 REFS
 NAMI-1010
 AD-662 392
 TESTS
 OPERATION
 VOCABULARY
 REACTION /PSYCHOLOGY/
 AVIATION MEDICINE
 CORRELATION TECHNIQUES
 EFFECTIVENESS
 SCORING INSTRUCTIONS
 CORRELATIONS

08 00946 R NAT U
 05-B
 COLLINS, W. F.
 GUEORY, F. E., JR.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 FEDERAL AVIATION ADMINISTRATION, CIVIL
 AEROMEDICAL RESEARCH INST., OKLAHOMA CITY,
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
 WASHINGTON, D. C.
 RESPONSES FROM THE LATERAL AND THE VERTICAL
 CANALS TO TWO STIMULUS DIRECTION.
 VOLUME I.
 VESTIBULAR REACTIONS IN CAT AND MAN DURING
 AND AFTER ANGULAR ACCELERATION.
 GENERAL DISTRIBUTION
 JUN 1967, 19 P, 22 REFS
 NAMI-1011
 NASA-R-93
 AD-661 231
 VESTIBULAR APPARATUS
 LABORATORY ANIMALS
 MAN
 ACCELERATION
 REACTION /PSYCHOLOGY/
 SEMICIRCULAR CANALS
 STIMULATION
 EYE
 MOTION SICKNESS
 AVIATION MEDICINE
 ADAPTATION /PHYSIOLOGY/
 ENVIRONMENTAL TESTS
 CAT /ANIMALS/
 ANGULAR
 LATERAL
 VERTICAL

68 00947

NAT U

09-B

GUEDRY, P. E., JR.
COLLINS, M. E.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
FEDERAL AVIATION ADMINISTRATION, CIVIL
AEROMEDICAL RESEARCH INST., OKLAHOMA CITY.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.

RESPONSES TO LATERAL CANAL STIMULI OF
VARIOUS ACCELERATIONS. # VOLUME II.
VESTIBULAR REACTIONS IN CAT AND MAN DURING
AND AFTER ANGULAR ACCELERATIONS.

GENERAL DISTRIBUTION

JUN 1967, 15 P, ILLUS, 21 REFS

NAMI-1012

NASA-D-R-93

AD-661 232

VESTIBULAR APPARATUS

LABORATORY ANIMALS

MAN

ACCELERATION

REACTION /PSYCHOLOGY/

SEMICIRCULAR CANALS

EYE

MOTION SICKNESS

ADAPTATION /PHYSIOLOGY/

SENSORY MECHANISMS

AVIATION MEDICINE

STIMULATION

ENVIRONMENTAL TESTS

CAT /ANIMALS/

ANGULAR

LATERAL

68 00948

NAT U

09-G

SMITH, R. F.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
EXERCITIONAL RHABDOMYOLYSIS IN NAVAL AVIATION
OFFICER CANDIDATES. #

GENERAL DISTRIBUTION

AUG 1967, 23 P, ILLUS, TABLES, 14 REFS

NAMI-1114

AD-658 312

MUSCLES

ENZYMES

HEMOGLOBIN

EXCRETION

AVIATION PERSONNEL

EXERCISE

PAIN

URINE

ANALYSIS

DATA

AVIATION MEDICINE

RHABDOMYOLYSIS

MYOGLOBINURIA

MYALGIA

CLINICAL CASES

68 00949

NAT U

09-A

WATERS, L. E.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
RELATIONSHIPS AMONG INVENTORIED SELF-RATED
AND PER-RATED INTERPERSONAL VALUES. #

GENERAL DISTRIBUTION

AUG 1967, 5 P, TABLE, 2 REFS

NAMI-1015

AD-666 667

AVIATION PERSONNEL

TEST METHODS

ANALYSIS

AVIATION MEDICINE

CORRELATION TECHNIQUES

SELF /COMMON SURVEY OF INTERPERSONAL VALUES/

SELF-RATED

PER-RATED

CORRELATIONS

68 00950

NAT U

09-B

JAAYBIE, A.
MILLER, E. F., II.
NEMSON, R. D.
KENNEDY, R. S.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.

THE EFFECT OF WATER IMMERSION ON
PERCEPTION OF THE OCULOGRAVIC ILLUSION IN
NORMAL AND LABYRINTHINE-DEFECTIVE SUBJECTS. #

GENERAL DISTRIBUTION

SEP 1967, 19 P, ILLUS, TABLES, 11 REFS

NAMI-1016

NASA R-93

AD-663 474

VESTIBULAR APPARATUS

PERCEPTION

WATER

ILLUSIONS

GRAVITY

VISION

DEAFNESS

CENTRIFUGES

AVIATION MEDICINE

SENSORY MECHANISMS

ENVIRONMENTAL TESTS

OCULOGRAVIC ILLUSION

IMMERSION

COMPARATIVE STUDIES

L-D /LABYRINTHINE-DEFECTIVE/

GRAVITOINERTIAL

68 00951

NAT U

09-E

SCHAFER, M. J.
SULLIVAN, J. J.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
MANNED SPACECRAFT CENTER, HOUSTON, TEX.

RADIATION MONITORING WITH NUCLEAR EMULSIONS
ON PROJECT GEMINI. THE FLUX OF GALACTIC HEAVY
PRIMARYS ON GEMINI VII. # PART III.

GENERAL DISTRIBUTION

SEP 1967, 17 P, ILLUS, TABLES, 9 REFS

NAMI-1017

AD-661 467

RADIATION MONITORS

NUCLEAR REACTIONS

COLLOIDS

RADIATION HAZARDS

DOSEAGE

MEASUREMENT

AVIATION MEDICINE

SCANNING

SPACE ENVIRONMENTAL CONDITIONS

PROJECT GEMINI /GT-VII/

HEAVY NUCLEI

TRACKS /NUCLEAR PHYSICS/

68 00952 NAT U
05-F
BEISCHER, D. E.
MILLER, E. P., II.
KNEPTON, J. C., JR.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
EXPOSURE OF MAN TO LOW INTENSITY MAGNETIC
FIELDS IN A COIL SYSTEM.#
GENERAL DISTRIBUTION
OCT 1967, 26 P, ILLUS, TABLES, 22 REFS
NAMI-1021
NASA-R-14
AD-662 672
MAN
INTENSITY
MAGNETIC FIELDS
EELS
EXPOSURE
PHYSIOLOGY
PSYCHOLOGY
SPACE ENVIRONMENTAL CONDITIONS
AVIATION MEDICINE
EYE
MAGNETIC SENSITIVITY
OFF VERTICAL FLIGHT- FREQUENCY/

68 00953 NAT U
05-F
STEINBERG, R. M.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
ARMY AFROMEDICAL RESEARCH UNIT, FORT RUCKER,
ALA.
AN ANALYSIS OF THE D.C. COMPONENT OF THE
LOCAL ELECTRORETINOGRAM IN THE INTACT EYE OF
THE CAT.#
GENERAL DISTRIBUTION
NOV 1967, 36 P, ILLUS, 33 REFS
NAMI-1021
AD-663 285
ANALYSIS
DIRECT CURRENT
EYE
LABORATORY ANIMALS
AVIATION MEDICINE
ADAPTATION /PHYSIOLOGY/
VISION
RETINA
ELECTRIC POTENTIAL
INTENSITY
LIGHT
LENG /LOCAL ELECTRORETINOGRAM/
CAT /ANIMALS/
RM /RECEPTOR POTENTIAL/
FLASH
DURATION

68 00954 NAT U
05-B
GUEHR, F. P., JR.
TURNIPSEED, G. T.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
TWO DEVICES FOR ANALYSIS OF NYSTAGMUS.#
GENERAL DISTRIBUTION
OCT 1967, 20 P, ILLUS, 18 REFS
NAMI-1021
NASA-R-43
AD-664 209
ANALYSIS
EYE
NOTION SICKNESS
RECORDING SYSTEMS
TEST EQUIPMENT /ELECTRONICS/
AVIATION MEDICINE
ANALOG-DIGITAL COMPUTERS
RAPID SCANNING
FSA /ELECTROMECHANICAL SLOPE COMPUTER,
ASD /ELECTRONIC SUMMATION DEVICE/

68 00955 NAT U
05-F
NEJAD, N. S.
OGDEN, E.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
EFFECT OF HYPOXIA ON MYOCARDIUM IN
HEART-LUNG PREPARATION.#
GENERAL DISTRIBUTION
NOV 1967, 12 P, ILLUS, 19 REFS
NAMI-1021
AD-664 210
HYPOXIA
HEART
MUSCLES
LUNG
OPERATION
EFFECTIVENESS
ANALYSIS
METABOLISM
AVIATION MEDICINE
OXYGEN
PRESSURE
ARTERIES
TENSION /PHYSIOLOGY/

68 00956 NAT U
05-F
NEJAD, N. S.
OGDEN, E.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
EFFECT OF BLOOD PH AND CO2 TENSION ON THE
PERFORMANCE OF THE HEART-LUNG PREPARATION.#
GENERAL DISTRIBUTION
NOV 1967, 14 P, ILLUS, TABLES, 12 REFS
NAMI-1021
AD-664 648
BLOOD CHEMISTRY
PH
CARBON DIOXIDE
OPERATION
EFFECTIVENESS
HEART
LUNGS
ARTERIES
AIR
ANALYSIS
AVIATION MEDICINE
PRESSURE
RESPIRATION
INSPIRED /PHYSIOLOGY/
TENSION /PHYSIOLOGY/
HEART RATE
ACAPNIA

68 00957 NAT U
 05-F
 NEJAD, N. S.
 FASI, I. M.
 OGDEN, E.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
 AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
 CARDIAC OUTPUT AND REGIONAL BLOOD FLOW IN
 CONSCIOUS RATS EXPOSED TO ACUTE HYPOXIA.⁸
 GENERAL DISTRIBUTION
 NOV 1967, 15 P, ILLUS, TABLES, 18 REFS
 NAMI-1026
 AD-665 021
 HEART
 RATS
 HYPOXIA
 DISTRIBUTION
 OXYGEN
 REDUCTION
 ATMOSPHERE
 TRACER STUDIES
 AVIATION MEDICINE
 BLOOD CIRCULATION
 CARDIAC OUTPUT
 REGIONAL BLOOD FLOW
 THERMO DILUTION
 TEST ANIMALS

68 00958 NAT U
 05-H
 ANDREASSI, J. L.
 HUNTLEY, M. S., JR.
 NAVAL TRAINING DEVICE CENTER, PORT WASHINGTON,
 N. Y.
 EFFECTS OF SIGNAL PATTERNING UPON VIGILANCE
 PERFORMANCE AND PHYSIOLOGICAL RESPONSES.⁸
 TECHNICAL REPORT.
 GENERAL DISTRIBUTION
 JAN 1967, 24 P, TABLES, 19 REFS
 NAYTHADEVCEN IH-62
 AD-648 948
 SIGNALS
 ATTENTION
 OPERATION
 EFFECTIVENESS
 PHYSIOLOGY
 REACTION /PSYCHOLOGY/
 TIME
 CORRELATION TECHNIQUES
 DATA
 ANALYSIS
 AVIATION MEDICINE
 DETECTION
 CORRELATIONS

68 00959 NAT U
 05-E
 MINKSON, W. C.
 MIVORE, J. T.
 CORREIA, M. J., LT., MSC, USNR.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
 WASHINGTON, D. C.
 KINEMATICS NOMENCLATURE FOR PHYSIOLOGICAL
 ACCELERATIONS.⁸ WITH SPECIAL REFERENCE TO
 VESTIBULAR APPLICATIONS.
 GENERAL DISTRIBUTION
 AUG 1966, 97 P, ILLUS, 9 REFS
 NASA R-93
 AD-646 581
 MECHANICS
 MATHEMATICS
 LANGUAGE
 PHYSIOLOGY
 ACCELERATION
 VESTIBULAR APPARATUS
 LINEAR SYSTEMS
 CENTRIFUGES
 VECTOR ANALYSIS
 AVIATION MEDICINE
 NOMENCLATURE
 NOTATION
 ANGULAR
 CARDINAL PLANES

68 00960 NAT U
 05-K
 SCHAF, P. B.
 GOSMARIAN, B. B.
 NELSON, H. M.
 HODY, G. --
 ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER,
 ALA.
 AIR FORCE ROCKET PROPULSION LAB., EDWARDS AFB,
 CALIF.
 THE MEASUREMENT OF THE EXHAUST COMPOSITION
 OF SELECTED HELICOPTER ARMAMENT.⁸
 GENERAL DISTRIBUTION
 JUN 1967, 38 P, ILLUS, TABLES, 4 REFS
 AFAPL-TR-67-203
 USAARU-67-10
 AD-655 744
 MEASUREMENT
 EXHAUST GASES
 HELICOPTERS
 ARMAMENT
 GAS ANALYSIS
 TOXICITY
 CARBON COMPOUNDS
 HAZARDS
 INFRARED SPECTROPHOTOMETERS
 PARTICLE SIZE
 TEST METHODS
 DATA
 AVIATION MEDICINE
 CARBON MONOXIDE
 COMPARATIVE STUDIES

68 00961 NAT U
05-E
MITCHELL, L., JR.
FERGUSON, C. C.
ORRICK, W. P., JR.
MORWAY, D. A.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
CREW PLACEMENT WITHIN THE P3 SERIES ASW
AIRCRAFT.# PHASE REPORT.
GENERAL DISTRIBUTION
SEP 1966, 17 P, ILLUS, 9 REFS
NADC-MR-6614
AD-801 5131
ANTISUBMARINE AIRCRAFT
FLIGHT CREWS
ACCELERATION
ENVIRONMENTAL TESTS
MOTION SICKNESS
REDUCTION
OPERATION
EFFECTIVENESS
AVIATION MEDICINE
P3 ASW AIRCRAFT
PLACEMENT

68 00962 NAT U
05-E
RYAN, W. M.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
THE GAS EXCHANGE OF ANIMALS EXPOSED TO
100 PERCENT OXYGEN AT ATMOSPHERIC PRESSURE.#
PROGRESS REPORT.
GENERAL DISTRIBUTION
JUN 1965, 16 P, ILLUS, TABLES, 14 REFS
NADC-MR-6530
AD-652 373
RESPIRATION
RATS
OXYGEN
POISONING
HAPHEMATIC PRESSURE
AIR
CARBON DIOXIDE
AVIATION MEDICINE
TIME
GAS EXCHANGE RATIO
COMPARATIVE STUDIES

68 00963 NAT U
05-E
BERGEY, G. E.
SIPPLE, W. G.
HAMILTON, W. A.
SQUIRES, R. D.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
A TECHNIQUE FOR DETERMINING AN
INDEX OF VISUAL ALERTNESS FROM THE
ELECTROENCEPHALOGRAM.# PHASE REPORT.
GENERAL DISTRIBUTION
MAY 1967, 19 P, ILLUS, 13 REFS
NADC-MR-6610
AD-653 451
TECHNIQUES
VISION
ATTENTION
ELECTROENCEPHALOGRAPHY
AVIATION MEDICINE
ANALYSIS
MAN
PERFORMANCE ANALYSIS
HAND-PASS FILTERS

68 00964 NAT U
05-E
WEBB, P., MD.
ANNIS, J. F.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
SILICONE SUBMERSION - A FEASIBILITY
STUDY.# PHASE REPORT.
GENERAL DISTRIBUTION
OCT 1966, 53 P, ILLUS, TABLES, 5 REFS
NADC-MR-6620
AD-645 080
SILICONES
FEASIBILITY STUDIES
BODY
TIME
PHYSIOLOGY
ENVIRONMENTAL TESTS
QUALITY CONTROL
FLUIDS
SKIN
TEST FACILITIES
AVIATION MEDICINE
WEIGHTLESSNESS
SIMULATION
SUBMERSION
UNDERWATER TECHNOLOGY

68 00965 NAT U
05-E
BERGEY, G. E.
SIPPLE, W. G.
HAMILTON, W. A.
SQUIRES, R. D.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
A QUANTITATIVE IMPEDANCE PNEUMOGRAPH.#
PHASE REPORT.
GENERAL DISTRIBUTION
NOV 1966, 23 P, ILLUS, 9 REFS
NADC-MR-6622
AD-643 687
ELECTRICAL IMPEDANCE
TEST EQUIPMENT /ELECTRONICS/
MEASUREMENT
RESPIRATION
VOLUME
HIGH FREQUENCY
ELECTRIC POTENTIAL
ELECTRODES
ELECTRIC INSULATION
POLYETHYLENE PLASTICS
AVIATION MEDICINE
PNEUMOGRAPH
PASTELESS

68 00966 NAT U
05-E
WEAVER, J. A.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
CALCULATION OF TIME-TEMPERATURE HISTORIES
AND PREDICTION OF INJURY TO SKIN EXPOSED TO
THERMAL RADIATION.# PHASE REPORT.
GENERAL DISTRIBUTION
JUN 1967, 27 P, ILLUS, 8 REFS
NADC-MR-6623
AD-655 410
TIME
TEMPERATURE
MATHEMATICAL PREDICTION
SKIN
WOUNDS & INJURIES
EXPOSURE
THERMAL RADIATION
DIGITAL COMPUTERS
PROGRAMMING LANGUAGES
PROGRAMMING COMPUTERS
COMPUTER STORAGE DEVICES
AVIATION MEDICINE
1200 COMPUTER SYSTEM
FORTRAN 1200

68 00967
05-A
BERGEY, G. E.
STIPPLE, W. C.
HAMILTON, W. A.
SQUIRES, R. D.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
A PERSONAL FM/FM BIOTELEMETRY SYSTEM.0
PHASE REPORT.
GENERAL DISTRIBUTION
NOV 1966, 27 P, ILLUS, 7 REFS
NADC-MR-6624
AD-645 665
FREQUENCY MODULATION
TELEMETRY SYSTEMS
BIOLOGY
MONITORS
ELECTRICAL IMPEDANCE
MEASUREMENT
RESPIRATION
ELECTRODES
ELECTROCARDIOGRAPHY
ELECTROENCEPHALOGRAPHY
AVIATION MEDICINE
PNEUMOGRAPH
PASTELESS

NAT U

68 00968
05-M
SQUIRES, R. D., MD.
JACOBSON, F. H., PH.D.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
FURTHER OBSERVATIONS ON CHRONIC DEFICITS
OF TEMPERATURE REGULATIONS PRODUCED IN CATS
BY PREOPTIC LESIONS.0
GENERAL DISTRIBUTION
DEC 1966, 38 P, ILLUS, TABLES
NADC-MR-6626
AD-647 357
TEMPERATURE
FEVERS
HYPOTHERMIA
CONTROL
PHYSIOLOGY
BRAIN
AVIATION MEDICINE
CATS /ANIMALS/
PREOPTIC LESIONS
REGULATION
IMPAIRMENT
COLONIC

NAT U

68 00969
05-C
CORFF, F. H., MD.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
A THEORY OF CELL HYDRATION PREDICATED ON
ABSORPTION OF WATER ON CELL PROTEINS.0
PHASE REPORT.
GENERAL DISTRIBUTION
F R 1967, 27 P, ILLUS, 28 REFS
NADC-MR-6701
AD-652 376
CELLS /BIOLOGY/
ABSORPTION
WATER
PROTEINS
VOLUME
DATA
ANALYSIS
AVIATION MEDICINE
HYDRATION
SHADLEY, EUSTHERM
SWELLING

NAT U

68 00970
05-B
CHISUM, G. T., PH.D.
TRENT, K. B., B.A.
NORMAN, P. E., B.S.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
EFFECTS OF BLUE CUTOFF FILTERS ON COLOR
DISCRIMINATION.0 PHASE REPORT.
GENERAL DISTRIBUTION
APR 1967, 21 P, ILLUS, TABLES, 5 REFS
NADC-MR-6704
AD-652 377
OPTICAL FILTERS
COLORS
PHOTOCROMISM
EYEGLASSES
FLASHBLINDNESS
COCKPITS
SIMULATION
LIGHT TRANSMISSION
ANALYSIS
AVIATION MEDICINE
BLUE CUTOFF FILTERS
DISCRIMINATION

NAT U

68 00971
05-J
STOLL, A. M.
CHIANTA, M. A.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
EVALUATION OF THERMAL PROTECTION AFFORDED
BY A FALON FIRE SUPPRESSION SYSTEM IN MARINE
CORPS AMPHIBIOUS VEHICLES.0 FINAL REPORT.
GENERAL DISTRIBUTION
APR 1967, 13 P, ILLUS, 7 REFS
NADC-MR-6705
AD-614 532L
ANALYSIS
FIRE EXTINGUISHERS
VEHICLES
BLAST
MODEL TESTS
BURNS
LUNGS
DAMAGE
AVIATION MEDICINE
SWINE
PRESSURE
NAVY
SKIN
MARINE CORPS
AMPHIBIOUS VEHICLES
FREON
PROSPECTIVE TESTING
LAND MINES

NAT U

68 00972
05-B
CHISUM, G. L.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
TEMPORAL AND LUMINOUS CALIBRATION OF THE
NAVY FLASHBLINDNESS TRAINING DEVICE.0
PHASE REPORT.
GENERAL DISTRIBUTION
JUN 1967, 8 P, ILLUS, TABLE, 1 REF
NADC-MR-6706
AD-655 419
TIME
LIGHT TRANSMISSION
CALIBRATION
NAVAL EQUIPMENT
FLASHBLINDNESS
TRAINING DEVICES
SPECTRUM ANALYZERS
ENERGY
AVIATION MEDICINE
PVTING
ILLUMINATION
OUTPUT

NAT U

68 00973 NAT U
09-E
WEAVER, J. A.
STOLL, A. M.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
MATHEMATICAL MODEL OF SKIN EXPOSED TO
THERMAL RADIATION.0 PHASE REPORT.
GENERAL DISTRIBUTION
AUG 1967, 25 P, ILLUS, TABLES, 9 REFS
NADC-MR-6704
AD-659 973
MATHEMATICAL MODELS
SKIN
THERMAL RADIATION
TIME
TEMPERATURE
HISTORY
AVIATION MEDICINE
EQUATIONS
MATHEMATICAL PREDICTION

68 00974 NAT U
09-H
NELSON, J. G.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
THE EFFECT OF WATER IMMERSION AND BODY
POSITION UPON PERCEPTION OF THE GRAVITATIONAL
VERTICAL.0 PHASE REPORT.
GENERAL DISTRIBUTION
JUL 1967, 13 P, ILLUS, TABLES, 29 REFS
NADC-MR-6701
AD-658 507
WATER
POSITION
GRAVITY
PERCEPTION
VESTIBULAR APPARATUS
SENSITIVITY
TEST METHODS
ERRORS
AVIATION MEDICINE
IMMERSION
CARDINAL POSITIONS
EYE VELOCITY PROBABLE ERRORS

68 00975 NAT U
09-I
KYDD, G. M. PH.D.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
LUNG CHANGES RESULTING FROM PROLONGED
EXPOSURE TO 100 PERCENT OXYGEN AT 550 MM HG.0
GENERAL DISTRIBUTION
MAY 1967, 22 P, ILLUS
NADC-MR-6710
AD-658 720
LUNGS
OXYGEN
PRESENTING
DATA
HISTOLOGY
ANALYSIS
AVIATION MEDICINE
HEMODYNAMICS
PATHOLOGY
BAROMETRIC PRESSURE
HYPERBARIC
HYPOBARIC
PULMONARY FUNCTION

66 00976 NAT U
09-E
YORK, S.
OLEYNIK, R. J.
PATTON, R. M.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
HUMAN ACCELERATION EXPERIENCE AT THE
AEROSPACE MEDICAL RESEARCH DEPARTMENT,
U.S. NAVAL AIR DEVELOPMENT CENTER-JOHNSVILLE -
1 JANUARY 1961-30 DECEMBER 1965.0
GENERAL DISTRIBUTION
MAY 1967, 8 P, ILLUS, TABLES, 14 REFS
NADC-MR-6711
AD-659 436
MAN
ACCELERATION TOLERANCE
NAVAL RESEARCH LABORATORIES
CENTRIFUGES
PHYSIOLOGY
MONITORS
AVIATION MEDICINE
ELECTRONICS
AEROSPACE MEDICAL RESEARCH DEPARTMENT
ELECTROPHYSIOLOGY
SYMPTOMATOLOGY

68 00977 NAT U
09-E
ROSS, B. M.
CHAMBERS, R. M.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
EFFECTS OF TRANSVERSE G-STRESS ON
RUNNING MEMORY.0
GENERAL DISTRIBUTION
JUN 1967, 13 P, ILLUS, TABLES, 6 REFS
NADC-MR-6712
AD-659 835
ACCELERATION
MEMORY
CENTRIFUGES
OPERATION
EFFECTIVENESS
STATISTICAL ANALYSIS
ERRORS
AVIATION MEDICINE
RUNNING MATCHING MEMORY
SERIAL-ORDER

68 00978 NAT U
09-E
PATTON, R. M., LT.
NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
EVALUATION OF A WET SUIT IN CONJUNCTION
WITH ANTI-BLACKOUT PROTECTION.0 PHASE REPORT.
GENERAL DISTRIBUTION
AUG 1967, 6 P, ILLUS, TABLES
NADC-MR-6713
AD-659 508
STATISTICAL ANALYSIS
PROTECTIVE CLOTHING
ACCELERATION TOLERANCE
PRESSURE SUITS
AVIATION MEDICINE
WET SUIT
COMPARATIVE STUDIES

68 00979 NAT U
 05-J
 STOLL, A. M.
 CHIANTA, M. A.
 NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
 MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
 DEVELOPMENT OF HIGH-INTENSITY THERMAL
 PROTECTIVE FABRIC.8 PHASE REPORT.
 GENERAL DISTRIBUTION
 AUG 1967, 33 P, ILLUS, TABLES
 NADC-MR-6715
 AD-659 974
 INTENSITY
 THERMAL INSULATION
 METALLIC TEXTILES
 STANDARDS
 TEST METHODS
 FIGURES
 DATA
 ANALYSIS
 AVIATION MEDICINE
 THERMAL RADIATION
 CONSTRUCTION
 HIGH-INTENSITY, THERMODYNAMICS/
 NOMEX FIBER

68 00980 NAT U
 05-B
 HARSTOW, F.
 CHISUM, G. T.
 NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
 MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA.
 PHOTOMETRIC AND PHOTOELECTRIC
 INSTRUMENTATION.8 VOLUME 1, INTERIM REPORT.
 CONTRACTORS FINAL REPORT BLUE ROCK
 PROJECT 4.1C PHOTOMETRIC, PHOTOELECTRIC AND
 ELECTROMAGNETIC INSTRUMENTATION DEVELOPMENT.
 GENERAL DISTRIBUTION
 JUL 1967, 113 P, ILLUS
 NADC-MR-6703
 AD-823 609L
 PHOTOMETERS
 PHOTOELECTRIC EFFECT
 ELECTROMAGNETIC PULSES
 INSTRUMENTATION
 DESIGN
 CONSTRUCTION
 HIGH-SPEED CAMERAS
 RETINA
 IMAGES
 AVIATION MEDICINE
 MEASUREMENT
 FLASHBLINDNESS
 FLIGHT TESTING
 SIMULATION
 PROJECT BLUE ROCK 4.1C
 RETINAL IMAGE CAMERAS

68 00981 R NAT U
 08-E
 FEDERAL AVIATION ADMINISTRATION, OKLAHOMA
 CITY.
 DTOT MAINTENANCE ENGINEERING CONFERENCE,
 OKLAHOMA CITY, OKLAHOMA, MARCH 27, 28, AND
 29, 1962.8
 GENERAL DISTRIBUTION
 MAR 1962, 50 P, ILLUS
 MAINTENANCE
 ENGINEERING
 CONFERENCES
 ABSTRACTS
 TEST EQUIPMENT
 COMMUNICATION SYSTEMS
 ELECTRON TUBES
 ANALYSIS
 QUALITY CONTROL
 NAVIGATIONAL AIDS
 RADAR
 FEDERAL AVIATION ADMINISTRATION
 VOR /VHF OMNIDIRECTIONAL RADIO RANGE/
 PNB /PROGRAM MATERIEL BRANCH/
 SAFI /SEMI-AUTOMATIC FLIGHT INSPECTION SYSTEM/
 VORTAC

68 00982 NAT U
 08-E
 FEDERAL AVIATION ADMINISTRATION, OKLAHOMA
 CITY.
 DTOT MAINTENANCE ENGINEERING CONFERENCE,
 OKLAHOMA CITY, OKLAHOMA, MARCH 27, 28, AND
 29, 1962.8
 GENERAL DISTRIBUTION
 MAR 1962, 150 P
 MAINTENANCE
 ENGINEERING
 CONFERENCES
 TEST EQUIPMENT
 COMMUNICATION SYSTEMS
 INDUSTRIAL PLANTS
 NAVIGATIONAL AIDS
 RADAR
 ELECTRON TUBES
 ANALYSIS
 QUALITY CONTROL
 ABSTRACTS
 FEDERAL AVIATION ADMINISTRATION
 VOR /VHF OMNIDIRECTIONAL RADIO RANGE/
 PNB /PROGRAM MATERIEL BRANCH/
 SAFI /SEMI-AUTOMATIC FLIGHT INSPECTION SYSTEM/
 VORTAC

68 00983 R NAT U
 02-N
 CONWAY, R.
 FEDERAL AVIATION ADMINISTRATION, NATIONAL
 AVIATION FACILITIES EXPERIMENTAL CENTER,
 ATLANTIC CITY.
 VTOL AND STOL SIMULATION STUDY.8 FINAL
 REPORT.
 GENERAL DISTRIBUTION
 APR 1968, 48 P, ILLUS
 NA-68-21
 RD-67-68
 AD-670 006
 VERTICAL TAKE-OFF PLANES
 SHORT TAKE-OFF PLANES
 FLIGHT SIMULATORS
 AIR TRAFFIC CONTROL SYSTEMS
 ATC TERMINAL AREA
 TERMINAL FLIGHT FACILITIES
 FEDERAL AVIATION ADMINISTRATION
 APPROACH
 VELOCITY
 GROUND PATH
 DESCENT
 SEPARATION
 STANDARDS
 LOS ANGELES AIRPORT
 CENTER CITY METROPORT
 SANTA MONICA AIRPORT
 HAWTHORNE AIRPORT
 TORRANCE AIRPORT

68 00984 NAT U
08-A
CONSEY, TO - SEND AND ASSOCIATES, CHICAGO,
ILL.

ECONOMIC AND ENGINEERING FEASIBILITY STUDY
OF INDUSTRIAL-COMMERCIAL-RESIDENTIAL-
RECREATIONAL COMPLEX AT KINGMAN MUNICIPAL
AIRPORT, MOHAVE COUNTY, ARIZONA.#
GENERAL DISTRIBUTION
FEB 1966, 155 P, ILLUS, TABLES
PB-170 313
ECONOMICS
ENGINEERING
FEASIBILITY STUDIES
AIRPORTS
SITE SELECTION
COPPER
INDUSTRIES
AGRICULTURE
PLASTICS
ELECTRONICS
WAREHOUSES
OPTICS
ANALYSIS
KINGMAN MUNICIPAL AIRPORT, MOHAVE COUNTY, ARIZ
RESOURCES
RECREATION
AIRPORT AUTHORITY
IMPLEMENTATION

68 00985 NAT U
02-A
ADAMS /T. F. M./ AND CO., TOKYO, JAPAN.
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
THE MARKET FOR AIRCRAFT MAINTENANCE
EQUIPMENT IN JAPAN.# PART I.
GENERAL DISTRIBUTION
SEP 1965, 124 P, TABLES
PB-170 345
ECONOMICS
AIRCRAFT
MAINTENANCE EQUIPMENT
CIVIL AVIATION
PERSONNEL
VOLUME
STANDARDS
PRODUCTION
MAINTENANCE PERSONNEL
MARKET
TOKYO, JAPAN
COMPANIES
IMPORT/EXPORT

68 00986 NAT U
07-B
SCHON, D.
INTERAGENCY TASK GROUP ON TECHNOLOGICAL
FORECASTING IN THE FEDERAL GOVERNMENT,
WASHINGTON, D. C.
THE ROLE OF THE FEDERAL GOVERNMENT IN
TECHNOLOGICAL FORECASTING.# SUMMARY REPORT.
GENERAL DISTRIBUTION
JAN 1966, 12 P
PB-170 599-1
UNITED STATES GOVERNMENT
LABOR
MATHEMATICAL PREDICTION
TECHNOLOGY
MANPOWER
RECOMMENDATIONS

68 00987 NAT U
07-D
SCHON, D.
INTERAGENCY TASK GROUP ON TECHNOLOGICAL
FORECASTING IN THE FEDERAL GOVERNMENT,
WASHINGTON, D. C.
THE ROLE OF THE FEDERAL GOVERNMENT IN
TECHNOLOGICAL FORECASTING.#
GENERAL DISTRIBUTION
JAN 1966, 42 P
PB-170 599-2
UNITED STATES GOVERNMENT
LABOR
ADJUSTMENT /PSYCHOLOGY/
EDUCATION
TRAINING
LAW
MATHEMATICAL PREDICTION
TECHNOLOGY
MANPOWER
RECOMMENDATIONS
EMPLOYMENT

68 00988 NAT U
10-E
MCGHEE, P.
WEATHER BUREAU, WASHINGTON, D. C.
RADAR AND THE FORECASTER.#
GENERAL DISTRIBUTION
FEB 1966, 14 P, ILLUS
PB-170 628
METEOROLOGICAL RADAR
WEATHER FORECASTING
ANALYSIS
AIRPORTS
TECHNIQUES
WASHINGTON NATIONAL AIRPORT
WSR-57 RADAR

68 00989 NAT U
10-G
HARGOLD, E. C.
OKLAHOMA STATE UNIV., STILLWATER.
INVESTIGATION OF USE OF BALLOONS FOR
ATMOSPHERIC TURBULENCE MEASUREMENT.#
GENERAL DISTRIBUTION
APR 1966, 79 P, TABLES
PB-170 696
METEOROLOGICAL BALLOONS
ATMOSPHERIC MOTION
MEASUREMENT
RESPONSE
FREQUENCY MODULATION
FLIGHT TESTING
COLD WEATHER TESTS
PROGRAMMING /COMPUTERS/
MATHEMATICAL MODELS
CLEAR AIR TURBULENCE

68 00990 NAT U
09-D
LEYKIN, A. Z.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
SCIENCE OF AVIATION MATERIALS
GENERAL DISTRIBUTION
JUN 1967, 460 P, ILLUS, TABLES
FTD-MT-65-270
AD-664 567
AERONAUTICS
MATERIALS
METALS
CRYSTALLIZATION
ALLOYS
DEFORMATION
HEAT TREATMENT
STEEL
IRON COMPOUNDS
CARBON
HIGH-TEMPERATURE RESEARCH
ALUMINUM ALLOYS
MAGNESIUM ALLOYS
TITANIUM ALLOYS
COPPER ALLOYS
CERMENTS
CORROSION INHIBITION
PLASTICS
RUBBER
WOOD
TEXTILES
PAINTS
SEALING COMPOUNDS
DEFECTOSCOPY

68 00991 NAT U
02-K
DUGOFF, H.
EHRICH, I. R.
STEVENS INST. OF TECH., HOBOKEN, N. J.
A LABORATORY SCALE MODEL TECHNIQUE FOR
INVESTIGATING PNEUMATIC TIRE HYDROPLANING.
GENERAL DISTRIBUTION
MAY 1968, 29 P, ILLUS
NASA-CR-1074
N68-23357
HYDROPLANING
PNEUMATIC SYSTEMS
TEST FACILITIES
MODELS /SIMULATIONS/
PLASTICS
DATA
ANALYSIS
CORRELATION TECHNIQUES
LOAD DISTRIBUTION
DEFORMATION
SCALE
AIRCRAFT TIRES
POLYURETHANE FOAM
CORRELATION

68 00992 NAT U
01-C
HAKNITT, R. L.
HERMANN, P. C.
ILLINOIS INST. OF TECH., CHICAGO, ILL
RESEARCH INST.
HIGH PERFORMANCE STRUCTURES.
GENERAL DISTRIBUTION
MAY 1968, 117 P, ILLUS, TABLES, 13 REFS
NASA-CR-1034
N68-23599
STRUCTURES
DESIGN
CONSTRUCTION
NON-DESTRUCTIVE TESTING
CONCENTRATION
OPTIMIZATION
STATISTICAL ANALYSIS
PRESSURE
FLUID FLOW
DIMENSIONS /STRENGTH/
INDEX
EXPERIMENTAL METHODS

68 00993 NAT U
09-B
KUMH, P.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
RESIDUAL STRENGTH IN THE PRESENCE OF
FATIGUE CRACKS.
ADVISORY REPORT 11.
GENERAL DISTRIBUTION
1967, 87 P, ILLUS, TABLES
AGARD-R-11
N68-23762
FATIGUE /MECHANICS/
ANALYSIS
BUCKLING /MECHANICS/
THICKNESS
SHEETS
METAL PLATES
EQUATIONS
ALUMINUM ALLOYS
STEEL
TITANIUM ALLOYS
FRACTURE /MECHANICS/
METALS
ALLOYS
NOTCH-STRENGTH ANALYSIS
CRACK-STRENGTH ANALYSIS
COMPARATIVE STUDIES

68 00994 NAT U
02-M
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
ASPECTS OF V/STOL AIRCRAFT DEVELOPMENT.
ADVISORY REPORT 13.
GENERAL DISTRIBUTION
1967, 110 P, ILLUS
AGARD-R-13
N68-23761
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
ROTARY WINGS
AERODYNAMIC FORCES
PROPULSION
GAS TURBINES
ENGINE STRUCTURES
OPERATION

68 00995 NAT U
01-C
AILMAN, C. M.
HOPKINS, M. S.
DOUGLAS AIRCRAFT CO., INC. MISSILE AND SPACE
SYSTEMS DIV., SANTA MONICA, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
VACUUM BAND CROSS-CORRELATION ANALYSIS OF
FLUCTUATING PRESSURES BENEATH A TURBULENT
BOUNDARY LAYER.
GENERAL DISTRIBUTION
MAY 1968, 79 P, ILLUS, TABLES
NASA-CR-1066
N68-23482
VACUUM BAND
CORRELATION
ANALYSIS
PRESSURE
TURBULENT BOUNDARY LAYER
STATISTICAL DATA
TEST FACILITIES
MEASUREMENT
ERROR
SUPERSONIC FLOW
MATHEMATICAL MODELS
FLUCTUATION

68 00996 NAT U
13-C
CONSAD RESEARCH CORP., PITTSBURGH.
DEPARTMENT OF TRANSPORTATION, OFFICE OF
HIGH SPEED GROUND TRANSPORTATION,
WASHINGTON, D. C.
BACKGROUND, OVERVIEW, AND SUMMARY.
VOLUME I, FINAL REPORT.
IMPACT STUDIES - NORTHEAST CORRIDOR
TRANSPORTATION PROJECT.
GENERAL DISTRIBUTION
SEP 1967, 83 P
C-104-66 /NEG./
PB-176 478
TRANSPORTATION
ECONOMICS
POPULATION
ANALYSIS
DESIGN
MATHEMATICAL MODELS
OPERATION
SOCIOLOGY
GEOGRAPHY
MATHEMATICAL PREDICTION
NORTHEAST CORRIDOR
IMPACT STUDIES
SOCIO-ECONOMIC

68 00997 NAT U
13-C
SILVER, J.
BUREAU OF PUBLIC ROADS, WASHINGTON, D. C.
POPULATION, ECONOMIC, AND LAND USE STUDIES
IN URBAN TRANSPORTATION PLANNING.
A DISCUSSION OF CURRENT PRACTICE.
GENERAL DISTRIBUTION
JUL 1966, 27 P
PB-172 410
POPULATION
ECONOMICS
URBAN AREAS
TRANSPORTATION
MATHEMATICAL PREDICTION
MATHEMATICAL MODELS
TECHNIQUES
ANALYSIS
DISTRIBUTION /ECONOMICS/
LAND USE

68 00998 NAT U
13-C
NEW JERSEY, STATE HIGHWAY DEPT.
PENNSYLVANIA, DEPT. OF HIGHWAYS,
BUREAU OF PUBLIC ROADS, WASHINGTON, D. C.
1975 PROJECTIONS, FOREGROUND OF THE
FUTURE.
VOLUME II.
PENNSYLVANIA JERSEY TRANSPORTATION STUDY.
GENERAL DISTRIBUTION
1966, 71 P, ILLUS
PB-173 326
TRANSPORTATION
URBAN AREAS
ROADS
VOLUME
MATHEMATICAL PREDICTION
POPULATION
ECONOMICS
DISTRIBUTION /ECONOMICS/
DATA
ANALYSIS
PENNSYLVANIA
NEW JERSEY
LAND USE
EMPLOYMENT

68 00999 NAT U
13-C
NEW JERSEY, STATE HIGHWAY DEPT.
PENNSYLVANIA, DEPT. OF HIGHWAYS,
BUREAU OF PUBLIC ROADS, WASHINGTON, D. C.
1975 TRANSPORTATION PLANS.
VOLUME III.
PENNSYLVANIA JERSEY TRANSPORTATION STUDY.
GENERAL DISTRIBUTION
1965, 91 P, ILLUS
PB-173 330
TRANSPORTATION
URBAN AREAS
ROADS
RAILROADS
VEHICLES
MATHEMATICAL PREDICTION
DESIGN
COSTS
ANALYSIS
VOLUME
PENNSYLVANIA
NEW JERSEY

68 01000 NAT U
13-C
NEW JERSEY, STATE HIGHWAY DEPT.
PENNSYLVANIA, DEPT. OF HIGHWAYS,
BUREAU OF PUBLIC ROADS, WASHINGTON, D. C.
THE STATE OF THE REGION.
VOLUME I.
PENNSYLVANIA JERSEY TRANSPORTATION STUDY.
GENERAL DISTRIBUTION
1964, 129 P, ILLUS
PB-173 327
TRANSPORTATION
URBAN AREAS
DESIGN
POPULATION
GEOGRAPHY
ECONOMICS
LABOR
DISTRIBUTION /ECONOMICS/
VOLUME
ROADS
VEHICLES
RAILROADS
DATA PROCESSING SYSTEMS
INDUSTRIES
PASSENGERS
PENNSYLVANIA
NEW JERSEY
LAND USE

68 01001 NAT U
13-C
SMITH /WILBURN/ AND ASSOCIATES, NEW HAVEN.
BUREAU OF PUBLIC ROADS, WASHINGTON, D. C.
EVALUATION OF BUS TRANSIT DEMAND IN
MIDDLE SIZED URBAN AREAS.
PHASE I, FINAL
REPORT.
GENERAL DISTRIBUTION
1966, 258 P, ILLUS, TABLES
PB-173 665
ANALYSIS
PASSENGER VEHICLES
URBAN AREAS
DATA
POPULATION
STANDARDS
COMMERCIAL
COSTS
RESEARCH /PSYCHOLOGY/
VOLUME
MATHEMATICAL PREDICTION
SOCIOLOGY
ECONOMICS
AGING /PHYSIOLOGY/
COMPARATIVE STUDIES
MODELS
BUS TRANSIT

68 01002 NAT U
 13-A
 FOSTER ASSOCIATES, INC., WASHINGTON, D. C.
 DEPARTMENT OF COMMERCE, OFFICE OF THE
 UNDERSECRETARY OF TRANSPORTATION, WASHINGTON,
 D. C.
 TRANSPORTATION EFFECTS IN EMERGENCIES.#
 GENERAL DISTRIBUTION
 OCT 1966, 45 P, TABLES
 C-366-66 /NEG./
 PB-173 600
 TRANSPORTATION
 EMERGENCY PROCEDURES
 GEOGRAPHY
 VOLUME
 FLOODS
 TROPICAL CYCLONES
 TORNADOES
 FAILURE /MECHANICS/
 FIRES
 SNOW
 SEISMIC WAVES
 ANALYSIS

68 01003 NAT U
 13-A
 MARYLAND, UNIVERSITY, COLLEGE PARK.
 USER DETERMINED ATTRIBUTES OF IDEAL
 TRANSPORTATION SYSTEMS - AN EMPIRICAL
 STUDY.#
 GENERAL DISTRIBUTION
 JUN 1966, 50 P, TABLES
 PB-173 420
 TRANSPORTATION
 URBAN AREAS
 REACTION /PSYCHOLOGY/
 MOTIVATION
 FACTOR ANALYSIS
 COSTS
 TIME
 TRAFFIC
 RELIABILITY
 DESIGN
 CONTROL
 DATA
 ANALYSIS
 BALTIMORE METROPOLITAN AREA

68 01004 NAT U
 13-C
 NEW JERSEY, STATE HIGHWAY DEPT. RESEARCH
 AND EVALUATION DIV.
 BUREAU OF PUBLIC ROADS, WASHINGTON, D. C.
 RELATIONSHIP OF ACCIDENT RATES AND ACCIDENT
 INVOLVEMENTS WITH HOURLY VOLUMES.#
 GENERAL DISTRIBUTION
 1966, 9 P, ILLUS, TABLES, 5 REFS
 PB-173 869
 ACCIDENTS
 TRAFFIC
 CORRELATION
 ANALYSIS
 PASSENGER VEHICLES
 CORRELATION TECHNIQUES
 NEW JERSEY
 RATES
 TRUCKS
 CORRELATION

68 01005 NAT U
 08-A
 DEVELOPMENT PLANNING ASSOCIATES, INC.,
 SAN FRANCISCO.
 DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
 PROPOSED AIRPORT INDUSTRIAL PARK SAN
 BERNARDINO, CALIF.#
 GENERAL DISTRIBUTION
 DEC 1966, 53 P, TABLES
 PB-173 840
 ECONOMICS
 ANALYSIS
 ENGINEERING
 SITE SELECTION
 AIRPORTS
 OPERATION
 VOLUME
 URBAN AREAS
 POPULATION
 LABOR
 DESIGN
 INDUSTRIES
 COSTS
 MANAGEMENT ENGINEERING
 SAN BERNARDINO, CALIFORNIA

68 01006 NAT U
 08-A
 DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
 TECHNOLOGICAL INNOVATION - ITS ENVIRONMENT
 AND MANAGEMENT.#
 GENERAL DISTRIBUTION
 JAN 1967, 83 P
 PB-174 103
 TECHNOLOGICAL INTELLIGENCE
 MANAGEMENT ENGINEERING
 ECONOMICS
 COMMERCE
 MONEY
 UNITED STATES GOVERNMENT
 LAW
 INDUSTRIES
 DISTRIBUTION /ECONOMICS/
 COSTS
 INNOVATION
 COMPETITION
 TAXATION
 ANTITRUST
 RECOMMENDATIONS

68 01007 NAT U
 13-A
 KINNEY, P. T.
 ILLINOIS, UNIV., URBANA.
 THE IMPACT OF TRAFFIC ON RESIDENTIAL
 PROPERTY VALUES AND RETAIL SALES IN
 CHAMPAIGN-URBANA.#
 GENERAL DISTRIBUTION
 FEB 1965, 87 P, ILLUS, TABLES
 PB-173 962
 TRAFFIC
 ECONOMICS
 MATHEMATICAL PREDICTION
 STATISTICAL ANALYSIS
 REACTION /PSYCHOLOGY/
 CORRELATION TECHNIQUES
 URBAN AREA
 DISTRIBUTION /ECONOMICS/
 CHAMPAIGN-URBANA, ILLINOIS
 PROPERTY VALUE
 RETAIL SALES

68 01008 NAT U
13-C
BURRAGE, R. H.
GORMAN, D. H.
MITCHELL, S. T.
LEVIN, D. R.
BUREAU OF PUBLIC ROADS, WASHINGTON, D. C.
PARKING GUIDE FOR CITIES.
GENERAL DISTRIBUTION
1956, 172 P, ILLUS
PB-171 945
URBAN AREAS
TRAFFIC
COSTS
LAP
DESIGN
METERS
DATA
ANALYSIS
VOLUME
PARKING
CONGESTION
ADMINISTRATION

68 01009 NAT U
02-K
LANDER, F. T. W.
GT. BRIT. MINISTRY OF TRANSPORT, ROAD RESEARCH
LAB., CROFTON.
A VEHICLE FOR MEASURING THE SKIDDING
RESISTANCE OF ROADS AND RUNWAYS UNDER
HEAVY LOADING CONDITIONS.
GENERAL DISTRIBUTION
1967, 11 P, ILLUS
PB-176 679
TEST VEHICLES
MEASUREMENT
LANDING GEAR
ROADS
RUNWAYS
LOADING /MECHANICS/
VEHICLE WHEELS
VEHICLE BRAKES
TORQUE
SENSING ELEMENTS
HYDRAULIC SYSTEMS
RESISTANCE /NON-ELECTRICAL/
ARM

68 01010 NAT U
13-C
MATHEMATICA, INC., PRINCETON, N. J.
DEPARTMENT OF TRANSPORTATION, WASHINGTON,
D. C.
STUDIES ON THE DEMAND FOR FREIGHT
TRANSPORTATION. VOLUME I.
GENERAL DISTRIBUTION
AUG 1967, 257 P, ILLUS, TABLES
PB-176 679
CARGO
TRANSPORTATION
MATHEMATICAL MODELS
ECONOMICS
MATHEMATICAL PREDICTION
DATA
STANDARDS
URBAN AREAS
STATISTICAL ANALYSIS
VOLUME
DEMAND
MACRO-ECONOMICS
MICRO-ECONOMICS
REQUIREMENTS

68 01011 NAT U
09-A
ARMED SERVICES EXPLOSIVES SAFETY BOARD,
WASHINGTON, D. C.
NAVY, WASHINGTON, D. C.
MINUTES OF THE NINTH EXPLOSIVES SAFETY
SEMINAR. HELD AT NAVAL TRAINING CENTER,
SAN DIEGO, CALIFORNIA, AUGUST 15, 16 AND 17,
1967.
NO FOREIGN
AUG 1967, 401 P, ILLUS
AD-824 044
SAFETY
SYMPOSIA
EXPLOSIONS
PROTECTIVE CLOTHING
DAMAGE
CONTROL
MAGNESIUM
FLARES
REACTION /PSYCHOLOGY/
SONIC RUMOR
SPACEWHAFT
EXPLOSIVE INITIATORS
PYROTECHNICS
PROTECTIVE SCREENS
CONSTRUCTION
ELECTROSTATICS
ELECTROMAGNETISM
HAZARDOUS
DESIGN
BARRICADES
FRAGILE STRUCTURES
RESEARCH

68 01012 NAT U
02-C
BATES, M. S.
LING-TENCO-VOUGHT, INC. AERONAUTICS DIV.,
DALLAS.
NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C.
DEVELOPMENT AND EVALUATION OF CHECK OUT
CONCEPTS FOR A CONTACTLESS SWITCHING SYSTEM.
VOLUME VII.
INVESTIGATION OF CONTACTLESS SWITCHING
CONCEPTS FOR APPLICATIONS TO AIRCRAFT
ELECTRIC SYSTEMS.
GENERAL DISTRIBUTION
DEC 1966, 56 P, ILLUS
AD-645 428
AIRCRAFT
ELECTRIC SWITCHES
ANALYSIS
CHECKOUT PROCEDURES
VOLUME
DESIGN
STANDARDS
CONSTRUCTION
COMPUTER LOGIC
MODULES /ELECTRONIC/
RELIABILITY
MAINTAINABILITY
CONTACTLESS
LINE-REPLACEABLE UNIT
RESEARCH
DEVELOPMENT

68 01013 NAT U
06-C
KAMINOW, I. P.
STEGEN, R. J.
HUGHES AIRCRAFT CO. MICROWAVE LAB., CULVER
CITY, CALIF.

WAVEGUIDE SLOT ARRAY DESIGN.
TECHNICAL MEMORANDUM NO. 348.
GENERAL DISTRIBUTION
JUL 1954, 193 P, ILLUS, TABLES
AF19/604/-262
AD- 63 600
WAVEGUIDE SLOTS
DESIGN
ANTENNA CONFIGURATIONS
RESONANCE
ELECTROMAGNETIC WAVES
ELECTRICAL IMPEDANCE
THEORY
OPERATION
MEASUREMENT
TECHNIQUES
EXPERIMENTAL DATA
ANALYSIS
SYNTHESIS
LINEAR ARRAY

68 01014 NAT U
02-C
MIL, M. L.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
VIBRATIONS AND DYNAMIC STABILITY.
VOLUME II, TRANSLATION FROM RUSSIAN.
HELICOPTERS-CALCULATION AND DESIGN.
GENERAL DISTRIBUTION
MAY 1968, 470 P, ILLUS, 48 REFS
NASA-TT-F-519
N68-23456
HELICOPTERS
DESIGN
VIBRATION
AERODYNAMICS
ELASTICITY
ROTOR BLADES /ROTARY WINGS/
THEORY
BEARINGS
LANDING GEAR
FUSELAGES
STRESSES
DIFFERENTIAL EQUATIONS
LIFE EXPECTANCY
STRENGTH
GROUND RESONANCE
BENDING

68 01015 NAT U
06-E
PIERCE, J. R.
BELL TELEPHONE LABS., INC., MURRAY HILL, N. J.
SATELLITE SYSTEMS FOR COMMERCIAL
COMMUNICATIONS.
PRESENTED AT IAS
TWENTY-EIGHTH ANNUAL MEETING, NEW YORK,
JANUARY 29, 26 AND 27, 1960.
GENERAL DISTRIBUTION
JAN 1960, 12 P, ILLUS
IAS-P-60-40
COMMUNICATION SATELLITES /ACTIVE/

68 01016 NAT U
06-E
LEVINE, A. M.
INTERNATIONAL TELEPHONE AND TELEGRAPH
CORP., NEW YORK.
THE DEVELOPMENT OF A GLOBAL COMMUNICATIONS
SATELLITE SYSTEM.
PRESENTED AT THE IAS
JOINT MEETING, MONTREAL, CANADA, OCTOBER 17,
18, 1960.
GENERAL DISTRIBUTION
OCT 1960, 25 P, ILLUS, TABLES
IAS-P-60-104
COMMUNICATION SATELLITES /ACTIVE/
GLOBAL COMMUNICATION SYSTEMS
GUIDANCE
CONTROL SYSTEMS
PROPULSION
AIRFRAMES
ELECTRIC POWER PRODUCTION
RELAYS
SPACE STATIONS
24-HOUR TRAFFIC
SUBSYSTEMS

68 01017 NAT U
01-A
MULLENBACH, H.
MARTIN CO., BALTIMORE.
ON THE DESIGN OF HYPERSONIC AIRCRAFT.
PRESENTED AT THE IAS TWENTY-NINTH ANNUAL
MEETING, NEW YORK, JANUARY 23, 24 AND 25,
1961.
GENERAL DISTRIBUTION
JAN 1961, 13 P, ILLUS
IAS-P-61-17
DESIGN
HYPERSONIC PLANES
ROLL
SUBSONIC CHARACTERISTICS
LIFT
DRAG
HYPERSONIC CHARACTERISTICS
AERODYNAMIC HEATING

68 01018 NAT U
01-C
JOHNSON, V. E., JR.
TULIN, M. P.
HYDROAUTICS, INC., LAUREL, MD.
THE HYDRODYNAMIC CHARACTERISTICS OF HIGH
SPEED HYDROFOILS.
PRESENTED AT THE IAS
TWENTY-NINTH ANNUAL MEETING, NEW YORK, JANUARY
23, 24 AND 25, 1961.
GENERAL DISTRIBUTION
JAN 1961, 35 P, ILLUS, 35 REFS
IAS-P-61-41
FLUID DYNAMIC PROPERTIES
HYDROFOILS
CAVITATION
VENTILATION
LOADING /MECHANICS/
MOTION
SUPPORTS

68 01019 NAT U
01-A
STILLWELL, J. J.
NELSON, P. W.
PURTER, W. R.
NAVY, WASHINGTON, D. C.
HYDROFOILS AT THE CROSSROADS.0 PRESENTED
AT THE IAS TWENTY-NINTH ANNUAL MEETING
NEW YORK, JANUARY 23, 24 AND 25, 1961.
GENERAL DISTRIBUTION
JAN 1961, 32 P, ILLUS, 3 REFS
IAS-P-61-44
HYDROFOILS
HISTORY
DESIGN
HYDRODYNAMICS
STRUCTURES
PROPULSION
AUTOMATIC PILOTS
MODEL TESTS

68 01020 NAT U
01-A
HILLOCK, L.
INTERNATIONAL TELEPHONE AND TELEGRAPH CORP.,
NEW YORK.
FEASIBILITY OF A T.V. SATELLITE.0
PRESENTED AT THE IAS TWENTY-NINTH ANNUAL
MEETING, NEW YORK, JANUARY 23, 24 AND 25,
1961.
GENERAL DISTRIBUTION
JAN 1961, 18 P, ILLUS
IAS-P-61-75
FEASIBILITY STUDIES
COMMUNICATION SATELLITES /ACTIVE/
TELEVISION TRANSMITTERS
COMMUNICATION SATELLITES /PASSIVE/
FREQUENCY
OPERATION
MODULATION
WAVE TRANSMISSION
TRANSPONDERS
GROUND SUPPORT EQUIPMENT
ATTITUDE CONTROL SYSTEMS
POSITION

68 01021 NAT U
01-A
MARTINEK, F.
VAUGHN, G. F.
GEIDEMAN, W. A., JR.
GENERAL ELECTRIC CO. FLIGHT PROPULSION
LAB. DEPT., CINCINNATI.
DYNAMICS OF ARC JET SYSTEM.0
PRESENTED AT THE NATIONAL ARS-IAS JOINT
MEETING, LOS ANGELES, CALIFORNIA, JUNE 13, 14,
15 AND 16, 1961.
GENERAL DISTRIBUTION
JUN 1961, 24 P, ILLUS
DYNAMICS
PLASMA JETS
DIGITAL COMPUTERS
NONLINEAR DIFFERENTIAL EQUATIONS
ANALYSIS
CIRCUITS
EXPERIMENTAL DATA
THEORY
DIRECT CURRENT
ALTERNATING CURRENT
ARC
COMPARATIVE STUDIES

68 01022 NAT U
01-A
MASSER, P. S.
PLASMA DYNE CORP., SANTA ANA, CALIF.
RECENT EXPERIMENTAL PLASMAJET THRUSTOR
RESULTS.0 PRESENTED AT THE NATIONAL ARS-IAS
JOINT MEETING, LOS ANGELES, CALIFORNIA, JUNE
13, 14, 15 AND 16, 1961.
GENERAL DISTRIBUTION
JUN 1961, 10 P, ILLUS
PLASMA JETS
EXPLOSIVE ACTIVATIONS
HEAT TRANSFER
EFFECTIVENESS
ALTERNATING CURRENT
OPERATION
EXPERIMENTAL DATA
ANALYSIS
TEST EQUIPMENT

68 01023 NAT U
02-U
JOHN, H. A.
MIRONEN, A.
MACUNRI, H.
CONNORS, J. J.
AVCO CORP., WILMINGTON, MASS.
ARC JET ENGINE PERFORMANCE - EXPERIMENT
AND THEORY 11.0 PRESENTED AT THE NATIONAL
ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
GENERAL DISTRIBUTION
JUN 1961, 38 P, ILLUS, 14 REFS
JET ENGINES
ELECTRIC PROPULSION
ANALYSIS
EXPERIMENTAL DATA
CONFIGURATION
ENERGY CONVERSION
EFFECTIVENESS
GAS FLOW
ELECTRODES
HYDROGEN
LIQUEFIED GAS
THERMAL AND
LIQUID-COOLED
RADIATION-COOLED
AMMONIA

68 01024 NAT U
02-F
PATERNUS, J.
ISLA, J. A.
NORTHROP CORP., HAWTHORNE, CALIF.
INSTRUMENT FLIGHT SIMULATOR STUDY OF THE
VTC CONTROLABILITY - CONTROL POWER
RELATIONSHIP.0 PRESENTED AT THE NATIONAL
ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15, AND 16, 1961.
GENERAL DISTRIBUTION
JUN 1961, 17 P, ILLUS, 10 REFS
INSTRUMENT FLIGHT
VERTICAL TAKE-OFF PLANES
CONTROL SIMULATORS
POWER
DAMPING
SENSITIVITY
TEST METHODS
PILOTS
COMBINATORIAL ANALYSIS
EQUATIONS
UNREGULATED SYSTEMS

68 01025 NAT U
09-B
MUNTER, P. L.
REPUBLIC AVIATION CORP., NEW YORK.
A STUDY OF SOLID-FUEL RAMJET APPLICATIONS.⁸
PRESENTED AT THE ARS-IAS JOINT MEETING, LOS
ANGELES, CALIFORNIA, JUNE 13, 14, 15 AND 16,
1961.
GENERAL DISTRIBUTION
JUN 1961, 16 P, ILLUS, TABLES, 2 REFS
JET PROPULSION
SOLIDS
FUELS
TARGET DRONES
LIQUID ROCKET FUELS
GUIDED MISSILES
SPACECRAFT
BOOSTER ROCKETS
RANGES /DISTANCE/
RAMJET ENGINES
COMPARATIVE STUDIES
BALLISTIC

68 01026 NAT U
09-C
ANTHONY, F. M.
MISTRETTA, A. L.
HELL AEROSYSTEMS CO., BUFFALO.
LEADING EDGE DESIGN WITH RAITTL
MATERIALS.⁸ PRESENTED AT THE NATIONAL
ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
GENERAL DISTRIBUTION
JUN 1961, 21 P, ILLUS
LEADING EDGE
RAITTLNESS
DESIGN
HYPERSONIC PLANES
GLIDERS
ANALYSIS
GRAPHITE
TEMPERATURE
CAPTIVE TESTS

68 01027 NAT U
02-M
RENFRO, J. B.
NAVAL MISSILE AND AERONAUTICS CENTER, POINT
MUGO, CALIF.
THE MINI-RECORDER SYSTEM.⁸ PRESENTED AS
THE NATIONAL ARS-IAS JOINT MEETING, LOS
ANGELES, CALIFORNIA, JUNE 13, 14, 15 AND 16,
1961.
GENERAL DISTRIBUTION
JUN 1961, 10 P, ILLUS
RECORDING DEVICES
ANALYSIS
OPERATION
EFFECTIVENESS
MODIFICATION KITS
MINI-RECORDER

68 01028 NAT U
06-E
STAMLER, V. E.
JOHNSON, A. L.
AIR FORCE, WASHINGTON, D. C.
DIRECTIVE NON-ORIENTED REFLECTORS AS
PASSIVE SATELLITES IN LONG DISTANCE
COMMUNICATIONS.⁸ PRESENTED AT THE NATIONAL
ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
GENERAL DISTRIBUTION
JUN 1961, 19 P, ILLUS
REFLECTORS
COMMUNICATION SATELLITES /PASSIVE/
GLOBAL COMMUNICATION SYSTEMS
SPHERES
ANALYSIS
FOCUSING
OPTICAL PROPERTIES

68 01029 NAT U
06-F
INGER, J. H. M.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
GEORGE C. MARSHALL SPACE FLIGHT CENTER,
Huntsville, ALA.
SPECIAL APPLICATIONS OF TWENTY-FOUR-HOUR
COMMUNICATION SATELLITES.⁸ PRESENTED AT THE
NATIONAL ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
GENERAL DISTRIBUTION
JUN 1961, 12 P, ILLUS, TABLES
NASA-61-184-1978
COMMUNICATION SATELLITES /ACTIVE/
ANALYSIS
NOISE /RADIO/
RADIOFREQUENCY POWER
RADIO TRANSMITTERS
LAUNCH VEHICLES /AEROSPACE/
SATELLITE ANTENNAS
TWENTY-FOUR HOUR

68 01030 NAT U
06-D
EVES, W. M.
THOMPSON RAND WOODRIDGE, INC., CANOGA PARK,
CALIF.
TELEVISION BROADCASTING FROM SATELLITES.⁸
PRESENTED AT THE NATIONAL ARS-IAS JOINT
MEETING, LOS ANGELES, CALIFORNIA, JUNE 13,
15 AND 16, 1961.
GENERAL DISTRIBUTION
JUN 1961, 15 P, ILLUS 14 REFS
COMMUNICATION SATELLITES /ACTIVE/
TELEVISION TRANSMITTERS
VOLUME
URBAN AREAS
COSTS
OPERATION
COMPARATIVE STUDIES
HOUSEHOLDS

68 01031 NAT U
01-G
KENNET, H.
BOEING CO., SEATTLE.
THE INVISCID HYPERSONIC FLOW ON THE
WINDWARD SIDE OF A DELTA WING.⁸ PRESENTED
AT THE IAS THIRTY-FIRST ANNUAL MEETING,
NEW YORK, JANUARY 21, 22 AND 23, 1963.
GENERAL DISTRIBUTION
JAN 1963, 44 P, ILLUS, 27 REFS
IAS-P-63-55
HYPERSONIC FLOW
DELTA WINGS
EQUATIONS
DIFFERENTIAL EQUATIONS
MACH NUMBER
BOUNDARY VALUE PROBLEMS
INVISCID FLOW

68 01032 NAT U
06-E
O'NEILL, E. F.
BELL TELEPHONE LABS., INC., MURRAY HILL, N. J.
THE PHYSICAL PERFORMANCE OF TELSTAR IN
ORBIT.⁸ PRESENTED AT THE IAS THIRTY-FIRST
ANNUAL MEETING, NEW YORK, JANUARY 21, 22, AND
23, 1963.
GENERAL DISTRIBUTION
JAN 1963, 13 P, ILLUS, TABLE
IAS-P-63-65
COMMUNICATION SATELLITES /ACTIVE/
BROADBAND
OPERATION
EFFECTIVENESS
SPIN
TEMPERATURE
DATA
VAN ALLEN RADIATION BELT
ORBITAL TRAJECTORIES
TELSTAR

68 01033 NAT U
01-G
CHENG, H. K.
CORNELL AERONAUTICAL LAB., INC., BUFFALO.
THE BLUNT-BODY PROBLEM IN HYPERSONIC FLOW
AT LOW REYNOLDS NUMBER.# PRESENTED AT THE IAS
THIRTY-FIRST ANNUAL MEETING, NEW YORK,
JANUARY 21, 22 AND 23, 1963.
GENERAL DISTRIBUTION
JAN 1963, 100 P, ILLUS, 83 REFS
IAS-P-63-92
BLUNT BODIES
HYPERSONIC FLOW
REYNOLDS NUMBER
STAGNATION POINT
HEAT TRANSFER
SHOCK /MECHANICS/
DIFFERENTIAL EQUATIONS
AERODYNAMIC CHARACTERISTICS
ANALYSIS
SHOCK LAYER
SHOCK TRANSITION
PERFECT GAS
CONTINUUM THEORY
LOW

68 01034 NAT U
08-G
MILLER, D. A.
JACKSON, M. I.
ALLING CO., SEATTLE.
LATEST EFFECTIVE PROVISIONING OF MAINTENANCE
SUPPORT ELEMENTS.# PRESENTED AT THE IAS
THIRTY-FIRST ANNUAL MEETING, NEW YORK,
JANUARY 21, 22 AND 23, 1963.
GENERAL DISTRIBUTION
JAN 1963, 22 P, ILLUS
IAS-P-63-97
COSTS
MAINTENANCE EQUIPMENT
WEAPON SYSTEMS
SCHEDULING THEORY
ANALYSIS
EFFECTIVENESS
MINUTEMAN SYSTEM
PROVISIONING

68 01035 NAT U
01-G
RITTER, H. S.
TORONTO UNIV., INST. FOR AEROSPACE STUDIES.
THE NOISE OF AIRCRAFT.# PRESENTED AT
FOURTH CONGRESS OF THE INTERNATIONAL COUNCIL
OF THE AERONAUTICAL SCIENCES, PARIS, FRANCE,
AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 31 P, ILLUS, TABLES, 96 REFS
ICAS-P-64-545
COMBUSTION
PROPELLER NOISE
COMPRESSOR NOISE
JET ENGINE NOISE
SONIC BOOM
BOUNDARY LAYER
TRANSDUCERS
EQUATIONS
AIRPLANE NOISE

68 01036 NAT U
12-G
WARREN, C. M. F.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE PROPAGATION OF SONIC BANGS IN A
NONHOMOGENEOUS STILL ATMOSPHERE.# PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 16 P, ILLUS, 4 REFS
RAE-P-64-547
PROPAGATION
ATMOSPHERE
REFRACTION
FOCUSING
MATHEMATICAL ANALYSIS
INTENSITY
SONIC BOOM
SONIC BANGS
GRAPHICAL

68 01037 NAT U
12-G
HUBBARD, H. M.
MAGLIERI, D. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
NOISE AND SONIC BOOM CONSIDERATIONS IN THE
OPERATION OF SUPERSONIC AIRCRAFT.# PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 17 P, ILLUS, 22 REFS
NASA-P-64-548
ENGINE NOISE
SONIC BOOM
TAKE-OFF
LANDING
STRUCTURES
RESPONSE
OVERFLIGHT
PRESSURE
SUPERSONIC TRANSPORTS

68 01038 NAT U
07-G
YOUNG, A. D.
LONDON, UNIV. QUEEN MARYS COLLEGE.
THE CHANGING PATTERN OF AERONAUTICAL
ENGINEERING EDUCATION.# PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 40 P, TABLES, 30 REFS
P-64-553
AERONAUTICS
ENGINEERING
EDUCATION
STANDARDS
SPACE TECHNOLOGY
VOLUME
STUDENTS
COMPARATIVE STUDIES
RESEARCH
COUNTRIES

68 01039 NAT U
07-F
CLINISING, L. A.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
SIMULATOR REQUIREMENTS DEDUCED FROM
COMPARISONS OF PILOTS PERFORMANCE IN GROUND
SIMULATORS AND IN AIRCRAFT.0 PRESENTED AT
FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 17 P, ILLUS, 13 REFS
NASA-P-64-554
PILOTS
OPERATION
EFFECTIVENESS
FLIGHT SIMULATORS
JET TRANSPORT PLANES
SHORT TAKE-OFF PLANES
COCKPITS
LANDING
MANEUVERABILITY
FLIGHT TESTING
ANALYSIS
COMPARATIVE STUDIES

68 01040 NAT U
07-F
O'HARA, F.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
PREDICTION OF AIRCRAFT FLYING QUALITIES BY
FLIGHT SIMULATORS AND OTHER METHODS, WITH
FLIGHT COMPARISONS.0 PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, AUGUST 24-28,
1964.
GENERAL DISTRIBUTION
AUG 1964, 20 P, ILLUS, 6 REFS
RAE-P-64-555
FLIGHT SIMULATORS
AIRCRAFT
COCKPITS
VISION
NOTION
INSTRUMENT LANDINGS
ANALYSIS
PILOTS
MATHEMATICAL PREDICTION
COMPARATIVE STUDIES
FLIGHT CHARACTERISTICS

68 01041 NAT U
01-B
WEBER, R. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LEWIS RESEARCH CENTER, CLEVELAND, OHIO.
PROPULSION FOR HYPERSONIC TRANSPORT
AIRCRAFT.0 PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 23 P, ILLUS, TABLES, 12 REFS
NASA-P-64-558
HYPERSONIC FLIGHT
TURBO-RAMJETS
PROPULSION
RANGES /DISTANCE/
AIRFRAMES
SONIC BOOM
FUELS
ANALYSIS

68 01042 NAT U
01-B
SCHMIDT, F.
MUEST, W.
AERODYNAMISCHE VERSUCHSANSTALT, GOTTINGEN,
GERMANY.
FLIGHT TESTS AND WIND-TUNNEL.0 PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 12 P, ILLUS, 13 REFS
P-64-564
FLIGHT TESTING
WIND TUNNELS
AIRFOILS
BOUNDARY LAYER CONTROL
LIFT
FLAPS
SUCTION SLOTS
DO 27 AIRCRAFT
SLAT

68 01043 NAT U
02-1
GRINSTEAD, F.
SPURR, M. G.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE QUEST FOR MECHANICAL RELIABILITY IN
AIRCRAFT.0 PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 21 P, ILLUS, 18 REFS
RAE-P-64-567
MECHANICS
RELIABILITY
AIRCRAFT
FAILURE /MECHANICS/
DESIGN
FLIGHT TESTING
STATISTICAL ANALYSIS
SYSTEMS ENGINEERING
VARIABILITY

68 01044 NAT U
09-G
SWANSON, S. A.
DE HAVILLAND AIRCRAFT, CO., LTD., MILTON, ONT
PRACTICAL FATIGUE LOADINGS FOR AERONAUTICAL
STRUCTURES.0 PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 18 P, ILLUS, 13 REFS
P-64-568
FATIGUE /MECHANICS/
LOADING /MECHANICS/
DATA
STATISTICAL ANALYSIS
FUNCTIONAL ANALYSIS
METALS
AERONAUTICS
STRUCTURES
MACHINES

68 01049 NAT U
09-G
EUGENE, J.
SUI AVIATION, SURESNES /SEINE/, FRANCE.
THE DESIGN DEPARTMENT AND THE PROBLEM OF
FATIGUE RELIABILITY.# PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 29 P, 29 REFS
FATIGUE /MECHANICS/
RELIABILITY
MATHEMATICAL MODEL
STATISTICAL FUNCTIONS
STRESSES
PROBABILITY
DESIGN
THEORY

68 01046 NAT U
12-F
ATKINSON, P. J.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE TESTING OF SUPERSONIC TRANSPORT
STRUCTURES IN FATIGUE.# PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 17 P, ILLUS, TABLES, 10 REFS
SUPERSONIC TRANSPORTS
ALUMINUM ALLOYS
FATIGUE /MECHANICS/
FLIGHT TESTING
THERMAL STRESSES
CREEP
TIME
LOADING /MECHANICS/

68 01047 NAT U
07-A
BOUTON, I.
NORTH AMERICAN AVIATION, INC. SPACE AND
INFORMATION SYSTEMS DIV., DOWNEY, CALIF.
THE IMPLEMENTATION OF RELIABILITY
CONCEPTS IN STRUCTURAL DESIGN CRITERIA.#
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 28 P, ILLUS, 19, REFS
RELIABILITY
DESIGN
STANDARDS
STRUCTURES
STATISTICAL ANALYSIS
LOADING /MECHANICS/
ERRORS
FAILURE /MECHANICS/
CAPTIVE TESTS

68 01048 NAT U
02-N
WHITTELY, D. G.
DE HAVILLAND AIRCRAFT CO., LTD., TORONTO.
THE AUGMENTOR-WING, A NEW MEANS OF ENGINE
AIRFRAME INTEGRATION FOR STOL AIRCRAFT.#
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 10 P, ILLUS, 6 REFS
AIRFRAMES
SHORT TAKE-OFF PLANE
JET ENGINES
WIND TUNNEL MODELS
THRUST AUGMENTOR NOZZLES
THRUST VECTOR CONTROL SYSTEMS
LIFT /LIFTING
AERODYNAMIC CHARACTERISTICS

68 01049 NAT U
02-A
EDER, J. J.
ATR CANADA, MONTREAL.
THE SCIENCE OF EQUIPMENT USAGE.# PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 12 P, ILLUS
AIRCRAFT EQUIPMENT
ANALYSIS
OPERATION
MALFUNCTIONS
DATA
EXAMPLES

68 01050 NAT U
06-M
SOUCEY, C. I.
CANADA. ROYAL CANADIAN AIR FORCE. AIR
MATERIEL COMMAND HEADQUARTERS, OTTAWA.
AEROSPACE-SYSTEM APPLICATIONS OF
RELIABILITY TECHNOLOGY DERIVED FROM THE
ELECTRONICS FIELD.# PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 27 P, ILLUS
RC-P-64-578
SYSTEMS ENGINEERING
ELECTRONICS
RELIABILITY
TECHNIQUES
MAINTENANCE
DESIGN
MALFUNCTIONS
ANALYSIS
AIRCRAFT
GUIDED MISSILES
SATELLITES /ARTIFICIAL/
COMMUNICATION EQUIPMENT
AEROSPACE
COMPARATIVE STUDIES

68 01051 NAT U
12-C
DA-RIVA, I.
LINAN, A.
FRAGA, E.
INSTITUTO NACIONAL DE TECNICA AEROSPAIAL,
MADRID.
SOME RESULTS IN SUPERSONIC CONSTRUCTION.#
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 23 P, ILLUS, 17 REFS
COMBUSTION
SUPERSONIC FLOW
AIR-BREATHING ENGINES /UNCONVENTIONAL/
DIFFUSION
FLAMES
TURBULENCE
DIFFERENTIAL EQUATIONS
CHEMICAL REACTIONS
LAMINAR FLOW
AERODYNAMIC HEATING
MIXING

68 01052 NAT U
12-G
DRESSLER, R.
FREDHOLM, N.
FORD MOTOR CO., DEARBORN, MICH.
SWEDEN. AERONAUTICAL RESEARCH INST., STOCKHOLM
ATMOSPHERIC SCATTERING OF SONIC-BOOM
INTENSITIES. PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 21 P, ILLUS
ATMOSPHERIC MOTION
SCATTERING
SONIC BOOM
INTENSITY
STATISTICAL ANALYSIS
ATMOSPHERIC TEMPERATURE
SNELL'S LAW
MATHEMATICAL MODELS

68 01053 NAT U
12-A
MEPPE, R. R.
MELCON, M. A.
STAUFFER, W. A.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
STRUCTURAL DESIGN PHILOSOPHY FOR THE
SUPERSONIC TRANSPORT. PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 28 P, ILLUS
LC-P-64-585
STRUCTURES
DESIGN
SUPERSONIC TRANSPORTS
LOADING /MECHANICS/
AIRFRAMES
FAIL-SAFE
QUALITY CONTROL
MAINTENANCE
TESTS
CREEP
FATIGUE /MECHANICS/
SERVICE LIFE

68 01054 NAT U
12-B
KEHRER, W. T.
BOEING CO. AIRPLANE DIV., RENTON, WASH.
LONGITUDINAL STABILITY AND CONTROL OF
LARGE SUPERSONIC AIRCRAFT AT LOW SPEEDS. PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 24 P, ILLUS, 16 REFS
AOAC-P-64-586
ROLL
CONTROL
SUPERSONIC PLANES
VELOCITY
FLIGHT PATHS
RESPONSE
AERODYNAMIC CONFIGURATIONS
ANALYSIS
DYNAMICS
LOW SPEED

68 01055 NAT U
12-B
GOLDSMITH, M. A.
BRITISH AIRCRAFT CORP. OPERATING, LTD. FILTON
DIV., BRISTOL, ENGLAND.
STABILITY AND CONTROL OF SUPERSONIC
AIRCRAFT AT LOW SPEEDS. PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
GENERAL DISTRIBUTION
AUG 1964, 25 P, ILLUS, 1 REF
BAC-P-64-588
SUPERSONIC TRANSPORTS
ROLL
PITCH /MOTION/
VELOCITY
CONTROL
MANEUVERABILITY
TURBOPROPELLER JET ENGINES
JET TRANSPORT PLANES
YAW
GROUND EFFECT
COMPARATIVE STUDIES
BOEING 727 AIRCRAFT
VC-10 AIRCRAFT

68 01056 NAT U
02-G
CHANG, T. T.
CORNELL AERONAUTICAL LAB. INC., BUFFALO.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
A METHOD FOR PREDICTING THE TRIM CONSTANTS
AND THE ROTOR-BLADE LOADINGS AND RESPONSES OF
A SINGLE-ROTOR HELICOPTER. FINAL REPORT.
GENERAL DISTRIBUTION
NOV 1967, 106 P, ILLUS, 13 REFS
DA-64-177-AMC-144/T/
USAAVLABS-TR-67-71
AO-666 P02
TRIM
ROTOR BLADES /ROTARY WINGS/
AERODYNAMIC LOADING
MOTION
HELICOPTERS
FLUID MECHANICS
NUMERICAL ANALYSIS
PROGRAMMING /COMPUTERS/
WAKE
SINGLE-ROTOR

68 01057 NAT U
02-G
SWICK, R. M.
SKARVAN, C. A.
GENERAL MOTORS CORP. ALLISON DIV.,
INDIANAPOLIS.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
INVESTIGATION OF COORDINATED FREE TURBINE
ENGINE CONTROL SYSTEMS FOR MULTIENGINE
HELICOPTERS. FINAL REPORT.
GENERAL DISTRIBUTION
DEC 1967, 158 P, ILLUS, TABLE
DAAJ02-67-C-0009
USAAVLABS-TR-67-71
AO-666 796
CONTROL SYSTEMS
GAS TURBINES
SPEED REGULATORS
ANALYSIS
POWER
DIGITAL COMPUTERS
SIMULATION
DESIGN
HELICOPTERS
MULTIENGINE HELICOPTERS

68 01080 NAT U
 06-H
 PAVEY, N. A. D.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 STUDY OF BROAD-BAND AMPLITUDE-COMPARISON
 METHODS FOR ACCURATE MICROWAVE DIRECTION
 FINDING IN A SECTOR.
 GENERAL DISTRIBUTION
 OCT 1967, 28 P, ILLUS
 RAF-TR-67271
 AD-824 255
 HPI:ARRAND
 DIRECTION FINDING
 MICROWAVES
 NOISE
 ERRORS
 DETECTORS
 CRYSTAL VIDEO RECEIVERS
 STATISTICAL ANALYSIS
 AMPLITUDE MODULATION

AR 01059 NAT U
 06-F
 JAMES, G. C.
 PAVEY, N. J.
 FARRINGTON, J. H.
 SOUTHWEST RESEARCH INST., SAN ANTONIO.
 AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
 PATTERSON AFB, OHIO.
 TECHNOLOGY APPRAISAL-EXPERIMENTAL DATA AND
 METHODOLOGY. VOLUME III.
 INVESTIGATION OF STRUCTURAL DESIGN CONCEPTS
 FOR FIBROUS AIRCRAFT STRUCTURES.
 NO FOREIGN
 NOV 1967, 344 P, ILLUS, TABLES, 13 REFS
 AFRL-TR-67-229, VOL III
 AD-824 228
 DESIGN
 MATERIALS
 ADHESIVES
 AIRFRAMES
 PHENOLIC PLASTICS
 EPOXY PLASTICS
 GLASS TEXTILES
 WOVEN
 TEST METHODS
 LAMINATES
 ANALYSIS
 DATA
 BENDED JOINTS
 METHODOLOGY

68 01060 NAT U
 06-L
 TORO, S.
 ELECTRONIC SPECIALTY CO., LOS ANGELES.
 ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
 N. Y.
 TACAN ANTENNA TECHNIQUES. FINAL REPORT.
 NO FOREIGN
 NOV 1967, 149 P, ILLUS, 14 REFS
 AF30/602/4151
 FSL-A702
 RADG-TR-67-593
 AD-824 216
 ANTENNAS
 TECHNIQUES
 COMPLEXES
 WAVELENGTH SCALS
 NETWORKS
 PROGRAMMING /COMPUTERS/
 DATA
 ANTENNA FEEDS
 MODES
 TACAN

68 01061 NAT U
 06-C
 RAYTHEON CO., WAYLAND, MASS.
 ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
 N. Y.
 TACAN ANTENNA TECHNIQUES. FINAL REPORT
 /MARCH 1966 TO SEPTEMBER 1967/.
 NO FOREIGN
 NOV 1967, 114 P, ILLUS
 AF30/602/4141
 RADG-TR-67-467
 AD-824 250
 ANTENNA
 TECHNIQUES
 NETWORKS
 POWER
 MODULATION
 PHASE SHIFTERS
 ERRORS
 ANTENNA FEEDS
 ANTENNA RADIATION PATTERNS
 TACAN

68 01062 NAT U
 06-C
 ORE, F. H.
 ILLINOIS. UNIV., URBANA. DEPT. OF ELECTRICAL
 ENGINEERING.
 AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB,
 OHIO.
 A TECHNICAL REPORT ON THE INVESTIGATION OF
 SELECTED FREQUENCY INDEPENDENT APPRAYS.
 TECHNICAL REPORT VIII.
 NO FOREIGN
 NOV 1967, 54 P, ILLUS, 4 REFS
 AF30/615/3216
 AFAL-TR-67-273
 AD-824 319
 ANTENNA CONFIGURATIONS
 BEAMS /ELECTROMAGNETIC/
 DESIGN
 CONICAL ANTENNAS
 POLARIZATION
 FREQUENCY
 DIPOLE ANTENNAS
 LOG-PERIODIC ANTENNAS
 ZIG-ZAG ELEMENT
 CROSS OVER POINT
 PATTERNS

68 01063 NAT U
 06-J
 WHISTLER, W. T.
 HEIM, C. W.
 KUHN, D. H.
 GENERAL ELECTRIC CO., SYRACUSE, N. Y.
 ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
 N. Y.
 ARRAY BEAM SWITCHING STUDY. FINAL REPORT
 /SEPTEMBER 1967/.
 GENERAL DISTRIBUTION
 NOV 1967, 260 P, ILLUS, TABLES, 31 REFS
 AF30/602/4092
 RADG-TR-67-543
 AD-824 416
 ANTENNA CONFIGURATIONS
 MICROWAVE FREQUENCY
 BROADBAND
 ELECTROMAGNETIC PULSES
 DISTORTION
 MICROWAVE NETWORKS
 ANTENNA FEEDS
 RADAR ANTENNAS
 SWITCHING
 GRATING LOBES
 SUMMARY
 HYBRID COUPLED

68 01064

NAT U

11
JOHNSON, M.
KLEMENTIS, K.
VILLONE, A., DR.
INTERNATIONAL BUSINESS MACHINES CORP. FEDERAL
SYSTEMS DIV., LOS ANGELES.
OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
SYNERGISTIC NAVIGATION SYSTEM STUDY.
PHASE II, FINAL REPORT
NO FOREIGN
SEP 1967, 201 P, ILLUS, TABLES
N00014-66-C0192
67-162-0013
AD-824 449
DOPPLER NAVIGATION
ANALYSIS
ERRORS
MATHEMATICAL MODELS
DIFFERENTIAL EQUATIONS
MATRIX CALCULUS
SENSITIVITY
DIGITAL COMPUTERS
PROGRAMMING /COMPUTERS/
SYNERGISTICS
OPTIMAL FILTERING /KALMAN CORRELATION
FILTERING/

68 01065

NAT U

08-E
YURKOWSKY, W.
SCHAFER, N. E.
FINKELSTEIN, J. M.
HUGHES AIRCRAFT CO., FULLERTON, CALIF.
ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
N. Y.
ACCELERATED TESTING TECHNOLOGY. VOLUME I,
FINAL REPORT /FEBRUARY 1966 TO JULY 1967/.
NO FOREIGN
NOV 1967, 420 P, ILLUS, 524 REFS
AF30/6027-4046
RADC-TR-67-420
RELIABILITY
TIME
COSTS
TEST METHODS
STATISTICAL ANALYSIS
HANDBOOKS
STRESSES
MODEL TESTS
MAINTENANCE
ACCELERATED LIFE TESTING

68 01066

NAT U

06-B
MANN, J.
LEIDIGH, J.
VARIAN ASSOCIATES, PALO ALTO, CALIF.
ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
N. Y.
BROADBAND X-BAND KLYSTRON. FINAL REPORT.
NO FOREIGN
NOV 1967, 41 P, ILLUS, 5 REFS
AF30/6027-3738
RADC-TR-67-551
AD-824 450
X BAND
BROADBAND
MICROWAVE AMPLIFIERS
LINEAR SYSTEMS
CONTINUOUS WAVE RADAR
CAVITY RESONATORS
TEST EQUIPMENT /ELECTRONICS/
MICROWAVE FREQUENCY
DATA
KLYSTRON

YURKOWSKY, W.
SCHAFER, N. E.
FINKELSTEIN, J. M.
HUGHES AIRCRAFT CO., FULLERTON, CALIF.
ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
N. Y.
ACCELERATED TESTING TECHNOLOGY.
VOLUME II, FINAL REPORT /FEBRUARY 1966 JULY
1967/.
NO FOREIGN
NOV 1967, 420 P, ILLUS, TABLES, 524 REFS
AF30/6027-4046
RADC-TR-67-420
AD-824 451
TEST METHODS
RELIABILITY
ELECTRONIC EQUIPMENT
MATHEMATICAL MODELS
STATISTICAL ANALYSIS
FAILURE /MECHANICS/
ALT /ACCELERATED LIFE TESTING/
PARTS
MECHANICAL

68 01068

NAT U

09-D
DERNOVSHK, J. F.
GOODYEAR AEROSPACE CORP., AKRON, OHIO.
NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C.
GOODYEAR 36X11 FORGED TITANIUM WHEEL
ASSEMBLY 9550152.0 FINAL ENGINEERING REPORT.
GOVERNMENT AGENCIES ONLY
JUL 1966, 49 P, ILLUS
NOM-65-0350-F
AD-824 787
TITANIUM ALLOYS
FORGING
LOADING /MECHANICS/
CAPTIVE TESTS
DATA
TEST METHODS
STRESSES
FATIGUE /MECHANICS/
BRAKES
MACHINING
DESIGN
NAVAL AIRCRAFT
STRAIN /MECHANICS/
MECHANICAL PROPERTIES
WHEELS
STRESSLOAD

68 01069

NAT U

09-D
TURLEY, R. V.
AVERY, L. M.
DASH, E.
DOUGLAS AIRCRAFT CO., INC., LONG BEACH, CALIF.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
STRESS CORROSION SUSCEPTIBILITY OF WELDED
ALUMINUM ALLOYS. FINAL REPORT /JULY 1966 TO
AUGUST 1967/.
NO FOREIGN
AUG 1967, 164 P, ILLUS, TABLES, 17 REFS
AF33/6157-5419
APRL-TR-67-191
AD-824 852
ALUMINUM ALLOYS
STRESSES
CORROSION
FATIGUE /MECHANICS/
FRACTURE /MECHANICS/
WELDING
SHEETS
METAL PLATES
LOADING /MECHANICS/
DATA
TEST METHODS
HIGH-STRENGTH
THRESHOLDS

68 01070
12-A
CURTIS, J. W.
RYAN, T. A.
NORTH AMERICAN AVIATION, INC., LOS ANGELES.
ELIMINATION AND GENERATION OF AIR VEHICLE
PRECIPITATION STATIC NOISE FOR THE XR-70.0
NO FOREIGN
MAY 1962, 29 P, ILLUS, 2 REFS
NA-62-485
AD-R24-889
SUPERSONIC PLANES
ELECTROSTATIC PRECIPITATION
ELECTRIC CURRENTS
ANTENNAS
RADIO INTERFERENCE
COUPLING CIRCUITS
TEST EQUIPMENT /ELECTRONICS/
XR-71 AIRCRAFT
CHARGING
DISCHARGE

NAT U

68 01071
01-6
HESCH, W. O., JR.
NORTH AMERICAN AVIATION, INC., LOS ANGELES.
THE EFFECTS OF COCKPIT VERTICAL
ACCELERATIONS ON A SIMPLY PILOTED TRACKING
TASK.0
NO FOREIGN
APR 1961, 19 P, ILLUS, 7 REFS
NA-61-47
AD-R24-890
COCKPITS
ACCELERATION
FLIGHT SIMULATORS
PILOTS
TRACKING
EFFECTIVENESS
FEEDBACK
ANALYSIS OF VARIANCE
MOTION
ERRORS
VERTICAL
CUES

NAT U

68 01072
12-A
COLLINS, D.
MCCLENN, R. A.
AIR FORCE INST. OF TECH. SCHOOL OF
ENGINEERING, WRIGHT-PATTERSON AFB, OHIO.
THE DETERMINATION OF OPTIMUM TAKE-OFF PATHS
FOR THE SST IN TERMS OF FLIGHT PATH PARAMETERS
AND TERMINAL CONDITIONS.0 THESIS.
GENERAL DISTRIBUTION
JUN 1967, 65 P, ILLUS, 10 REFS
AFIT-GGC/EE/67-4
AD-R24-909
OPTIMIZATION
TAKE-OFF
SUPERSONIC TRANSPORTS
FLIGHT PATHS
SAFETY
ANALYSIS
BOUNDARY VALUE PROBLEMS
TECHNIQUES
EQUATIONS
DIGITAL COMPUTERS
PROGRAMMING /COMPUTERS/

NAT U

68 01073
09-D
HERRON, W. C.
LOCKHEED-GEORGIA CO., MARIETTA, GA.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
SERVICE EVALUATION OF AIRCRAFT EXPERIMENTAL
FASTENERS.0 FINAL SUMMARY TECHNICAL REPORT
71 NOVEMBER 1964 TO 1 SEPTEMBER 1967.
NO FOREIGN
NOV 1967, 75 P, ILLUS
AF 13/617-1-154
AFML-TM-67-367
AD-R25-191
AIRCRAFT
MECHANICAL FASTENERS
MAINTENANCE
ANALYSIS
CORROSION INHIBITION
ALUMINUM COATING
CALCIUM
PLATING
TITANIUM ALLOY
ZINC COMPOUNDS
COMPARATIVE STUDIES
ANODIZING
ZINC CHROMATE
ENCAPSULATED
PRIMER

NAT U

68 01074
02-D
BENNETT, R. F.
LINDEMAN, R. H.
AIR FORCE INST. OF TECH. SCHOOL OF SYSTEMS AND
LOGISTICS, WRIGHT-PATTERSON AFB, OHIO.
RELIABILITY - MAJOR OVERHAUL VERSUS
MINOR OVERHAUL AIRCRAFT JET ENGINES.0
THESIS.
NO FOREIGN
AUG 1967, 207 P, ILLUS, TABLES
SLSP-14-67
AD-R25-295
RELIABILITY
JET ENGINES
STATISTICAL ANALYSIS
DATA
SUPERSONIC PLANES
PROGRAMMING /COMPUTERS/
MALFUNCTIONS
COLLECTING METHODS
MAJOR
MINOR
OVERHAUL
J57-1 ENGINE
F-100 AIRCRAFT

NAT U

68 01075
02-N
GODSMA, D. R.
MORIARTY, L. F.
AIR FORCE INST. OF TECH. SCHOOL OF
ENGINEERING, WRIGHT-PATTERSON AFB, OHIO.
THE RESPONSE OF A HOVERING V/STOL AIRCRAFT
TO DISCRETE TURBULENCE.0 THESIS.
GENERAL DISTRIBUTION
JUN 1967, 110 P, ILLUS, TABLES, 10 REFS
AFIT-GGC/EE/67-7
AD-R25-451
RESPONSE
VERTICAL TAKE-OFF PLANES
HOVERING
TURBULENCE
MATHEMATICAL MODELS
DIGITAL COMPUTERS
CONTROL
SENSITIVITY
ANALYSIS
VORTICES
PILOTS
SIMULATION
AC-119 AIRCRAFT

NAT U

68 01076
U9-D
CROWNHILL, C. J.
DAVIES, R. E.
SPROWLS, D. O.
AMERICAN ALUMINUM CO.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
MECHANICAL PROPERTIES, INCLUDING FRACTURE
TOUGHNESS AND FATIGUE, AND RESISTANCE TO
STRESS CORROSION CRACKING, OF STRESS-RELIEVED
STRETCHED ALUMINUM ALLOY EXTRUSIONS.0
FINAL REPORT /MARCH 1966 TO JANUARY 1968/.
NO FOREIGN
FEB 1968, 178 P, ILLUS, TABLES, 18 REFS
AF33/615/-3580
AFML-TR-68-14
AD-828 772
ALUMINUM ALLOYS
EXTRUSION
FRACTURE /MECHANICS/
FATIGUE /MECHANICS/
STRESSES
CORROSION
STATISTICAL ANALYSIS
DATA
TENSILE PROPERTIES
MECHANICAL PROPERTIES
RESISTANCE /NON-ELECTRICAL/
RATIOS

NAT U

68 01077
07-A
LUND, J.
MECHANICAL TECHNOLOGY INC., LATHAM, N. Y.
AIR FORCE AERO PROPULSION LAB., WRIGHT-
PATTERSON AFB, OHIO.
THE THREE LOBE BEARING AND FLOATING RING
BEARING.0 PART VII, FINAL REPORT.
ROTOR-BEARING DYNAMICS DESIGN TECHNOLOGY.
NO FOREIGN
FEB 1968, 272 P, ILLUS, 3 REFS.
AFAPL-TR-65-45
AD-829 895
BEARINGS
ROTATION
MACHINES
DESIGN
STABILITY
LUBRICANTS
PRESSURE
DATA
FRICTION
MATHEMATICAL ANALYSIS
HYDROSTATICS
HYDRODYNAMICS
THREE LOBE BEARING
FLOATING RING BEARING

NAT U

68 01078
U9-D
HARRIS, J. R.
RESEARCH CORP., DAYTON, OHIO.
AIR FORCE AERO PROPULSION LAB., WRIGHT-
PATTERSON AFB, OHIO.
ANALYSIS OF REPRODUCIBILITY AND
REPEATABILITY OF BEARING-LUBRICANT DEPOSITION
RATINGS.0 SUMMARY TECHNICAL REPORT /MARCH
1965 TO SEPTEMBER 1967/.
NO FOREIGN
JUN 1968, 32 P, TABLES
AF33/615/-3277
AFAPL-TR-67-121
AD-830 068
BEARINGS
LUBRICANTS
STATISTICAL ANALYSIS
HIGH-TEMPERATURE RESEARCH
DEGRADATION
VISCOSITY
TEST METHODS
TURBOJET ENGINES
ACID NUMBER
OIL LOSS
GENERIT RATING

NAT U

68 01079
08-D
BATTELLE MEMORIAL INST., COLUMBUS, OHIO.
DEPARTMENT OF COMMERCE, OFFICE OF THE
UNDERSECRETARY OF TRANSPORTATION, WASHINGTON,
D. C.
FEASIBILITY OF COMPUTER STORAGE AND
RETRIEVAL OF FREIGHT TARIFF INFORMATION.0
PHASE I.
GENERAL DISTRIBUTION
MAY 1966, 282 P
PB-170 591
FEASIBILITY STUDIES
DIGITAL COMPUTERS
INFORMATION RETRIEVAL
CARGO
PROGRAMMING LANGUAGES
INPUT-OUTPUT DEVICES
DATA STORAGE SYSTEMS
PROGRAMMING /COMPUTERS/
COMPUTER LOGIC
SEARCH THEORY
TARIFF
G-20 HARDWARE
G-20 SOFTWARE
TEST INQUIRIES

NAT U

68 01080
08-D
BATTELLE MEMORIAL INST., COLUMBUS, OHIO.
DEPARTMENT OF COMMERCE, OFFICE OF THE
UNDERSECRETARY OF TRANSPORTATION, WASHINGTON,
D. C.
FEASIBILITY OF COMPUTER STORAGE AND
RETRIEVAL OF FREIGHT TARIFF INFORMATION.0
PHASE I.
GENERAL DISTRIBUTION
MAY 1966, 34 P, ILLUS
PB-170 590
FEASIBILITY STUDIES
COMPUTERS
INFORMATION RETRIEVAL
CARGO
STANDARDS
DATA
SEARCH THEORY
REFERENCES
RATE SYSTEM
TEST INQUIRIES

NAT U

68 01081
01-C
KINSLOW, M.
ARNEY, G. D., JR.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
THERMO-MOLECULAR PRESSURE EFFECTS IN TUBES
AND AT ORIFICES.
GENERAL DISTRIBUTION
AUG 1967, 57 P, ILLUS, 22 REFS
AGARD-GRAPH-119
N68-19195
PRESSURE
ORIFICES
PIPES
ERRORS
THEORY
EXPERIMENTAL DATA
HEAT TRANSFER
MATHEMATICAL ANALYSIS
EQUATIONS
THERMAL-MOLECULAR

NAT U

68 01082
01-C
MORRISON, L. J. JR.
GASPEN, P. A. JR.
RIDDLE, D. W.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
AN EXPERIMENTAL STUDY OF THE INFLUENCE OF
THE TURBULENT BOUNDARY LAYER ON PANEL
FLUTTER.
GENERAL DISTRIBUTION
MAR 1968, 52 P, ILLUS
NASA-TN-D-4486
N68-19721
TURBULENT BOUNDARY LAYER
AIRPLANE PANELS
FLUTTER
TRANSONIC WIND TUNNELS
MACH NUMBER
ISOTROPISM
DYNAMICS
PRESSURE
FREQUENCY
TEST METHODS

NAT U

68 01083
06-D
DODD, V. V.
KEPPEL, D. R.
INTERNATIONAL BUSINESS MACHINES CORP.,
CAMBRIDGE, MASS.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS.
INVESTIGATION OF REFRACTORY DIELECTRICS FOR
INTEGRATED CIRCUITS.
GENERAL DISTRIBUTION
MAR 1968, 73 P, ILLUS
NASA-CR-955
N68-10849
REFRACTORY MATERIALS
DIELECTRIC FILMS
INTEGRATED CIRCUITS
SILICON COMPOUNDS
REFRACTIVE INDEX
CHEMICAL MILLING
ELECTRICAL PROPERTIES
MEASUREMENT
ELECTRIC INSULATION
DIFFUSION
ANALYSIS
SILICON DINITRIDE
SILICON NITRIDE
COMPARATIVE STUDIES
MASKING
MNS / METAL-NITRIDE-SILICON/
MNS / METAL-NITRIDE-OXIDE-SILICON/

NAT U

68 01084
09-G
GERARD, G.
DOM, N. F.
THOMPSON, A. W.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
THE POTENTIALS OF COMPOSITE STRUCTURES IN
THE DESIGN OF AIRCRAFT.
GENERAL DISTRIBUTION
1967, 89 P, ILLUS
AGARD-AH-10
N68-19228
STRUCTURAL PARTS
DESIGN
COMPOSITE MATERIALS
ANALYSIS
LOADING / MECHANICS /
TENSILE PROPERTIES
WINGS
OPTIMIZATION
ALUMINUM ALLOYS
BOX BEAMS
STIFFENED CYLINDERS
PANELS / THERMAL /
FILAMENTARY

NAT U

68 01085
02-L
HICKINSON, N. D.
PAGE, V. R.
DICKERT, W.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
LARGE-SCALE WIND-TUNNEL INVESTIGATION OF AN
AIRPLANE MODEL WITH A TILT WING OF ASPECT
RATIO 8.4, AND FOUR PROPELLERS, IN THE
PRESENCE OF A GROUND PLANE.
GENERAL DISTRIBUTION
APR 1968, 78 P, ILLUS, TABLES, 7 REFS
NASA-TN-D-4493
N68-20370
WIND TUNNEL MODELS
TILT WINGS
ASPECT RATIO
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
AERODYNAMIC CHARACTERISTICS
GROUND EFFECT
LARGE-SCALE
GROUND PLANE

NAT U

68 01086
02-M
WHITE, M. D.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
PROPOSED ANALYTICAL MODEL FOR THE FINAL
STAGES OF LANDING A TRANSPORT AIRPLANE.
GENERAL DISTRIBUTION
APR 1968, 13 P, ILLUS, 1 REF
NASA-TN-D-4410
N68-21112
JET TRANSPORT PLANES
LANDING
MATHEMATICAL ANALYSIS
MODELS / SIMULATION /
VELOCITY
THRUST
MANEUVERABILITY
FLAREOUT
TOUCHDOWN
SUBSONIC FLIGHT
DISTANCE
FLOAT

NAT U

68 01087
11
ACKEN, R. A.
SMITH, D. W.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
NAVIGATOR PERFORMANCE STUDIES FOR SPACE
NAVIGATION USING THE NASA CV-990 RESEARCH
AIRCRAFT.
GENERAL DISTRIBUTION
APR 1968, 19 P, ILLUS, 5 REFS
NASA-TN-D-6449
N68-21123
SPACE NAVIGATION
RESEARCH PLANES
MANNED SPACECRAFT
SEXTANTS
MEASUREMENT
ERRORS
STATISTICAL ANALYSIS
CV-990 AIRCRAFT
LUNAR ILLUMINATION
HAND-HELD
GIMBALED

NAT U

68 01088
02-A
KRUPEN, P.
RIGERS, E. B.
HARRY DIAMOND LABS., WASHINGTON, D. C.
MEASUREMENT OF ELECTROSTATIC CHARGE ON
AIRCRAFT.
GENERAL DISTRIBUTION
DEC 1966, 32 P, ILLUS, TABLES, 3 REFS
MDL-TR-1267
AD-614 060
MEASUREMENT
STATIC ELECTRICITY
JET FIGHTERS
JET BOMBERS
FUNCTIONS
CHARGE
F-86 AIRCRAFT
B-26 AIRCRAFT

NAT U

68 01089
06-D
MONROE, J. W.
CORNELL UNIV., ITHACA, N. Y.
ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
N. Y.
OPERATION OF GUNN DEVICES IN A SERIES D-C
BIAS CONFIGURATION. VOLUME II.
FINAL REPORT 71 NOVEMBER 1966 TO 30 SEPTEMBER
1967.
VULNERABILITY EFFECTS IN BULK-SOLIDS.
GENERAL DISTRIBUTION
JAN 1968, 70 P, ILLUS, 16 REFS
F-30602-87-C-0075
RADC-TR-67-646
AD-666 035
VULNERABILITY
DIRECT CURRENT
CURRENTS
ELECTRIC /MAGNETIC/
GAIN
GUNN DEVICES

NAT U

68 01090
07-M
INELAND, P. H., PH.D.
KINSLOW, W. E.
LEVINE, E.
PAGE, D. E.
RADIO CORP. OF AMERICA, SYSTEMS ENGINEERING,
EVALUATION AND RESEARCH DIV., MOORESTOWN,
N. J.
EXPERIMENTAL STUDY OF THE EFFECTS OF
SURROUND BRIGHTNESS AND SIZE ON VISUAL
PERFORMANCE. FINAL REPORT 71 MARCH 1966 TO
1 MARCH 1967.
GENERAL DISTRIBUTION
SEP 1967, 47 P, ILLUS, TABLES, 22 REFS
AF 33/615/-3773
AMRL-TR-67-102
AD-666 045
VISION
BRIGHTNESS
BACKGROUND
COCKPITS
DISPLAY SYSTEMS
ILLUMINATION
EXPERIMENTAL DATA
GLARE
CONTRAST

NAT U

68 01091
08-D
RIPPERGER, E. A.
AMERICAN SOCIETY OF MECHANICAL ENGINEERS,
NEW YORK.
WADEX - WORD AND AUTHOR INDEX. VOLUME
XV.
APPLIED MECHANICS REVIEWS.
GENERAL DISTRIBUTION
1962, 576 P
AD-666 234
MECHANICS
BIBLIOGRAPHIES
INDEXES
WADEX /WORD AND AUTHOR INDEX/

NAT U

68 01092
06-J
BAKER, C. H.
EAR, W. K.
HUMAN FACTORS RESEARCH, INC., GOLETA, CALIF.
VISUAL DETECTION OF POSITIVE VS NEGATIVE
PIPS ON A RADAR PPI. TECHNICAL MEMORANDUM.
GENERAL DISTRIBUTION
FEB 1968, 6 P, ILLUS, 2 REFS
NOMA-4120/00/
HFR-TR-750-1
AD-666 577
DISPLAY SYSTEMS
RADAR EQUIPMENT
DETECTION
CATHODE RAY TUBES
PHOSPHORESCENT MATERIALS
PLAN POSITION INDICATORS
PIP
POSITIVE
NEGATIVE

NAT U

68 01093 NAT U
 08-C
 ALLIS, J.
 SENNIUK, W.
 SYLVANIA ELECTRONIC SYSTEMS, BUFFALO,
 ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J.
 VALUE ENGINEERING-FINAL REPORT FOR LIGHT
 OBSERVATION HELICOPTER AVIONICS PACKAGE.
 FINAL REPORT 21 JANUARY 1966 TO 21 JANUARY
 1967.
 GENERAL DISTRIBUTION
 JAN 1968, 16 P
 TM-FCIM-01043-7
 AD-666 792
 COSTS
 ANALYSIS
 ELECTRONIC EQUIPMENT
 HELICOPTERS
 VALUE ENGINEERING

68 01094 NAT U
 08-F
 MURRAY, E. W.
 RAND CORP., SANTA MONICA, CALIF.
 OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
 A METHOD OF OBJECTIVE CONTOUR
 DISTRIBUTION
 GENERAL DISTRIBUTION
 FEB 1968, 32 P, ILLUS
 RM-5544-NEL
 AT-665 410
 COMPUTER LOGIC
 SIMULATION
 METEOROLOGY
 GEOPHYSICS
 PROGRAMMING /COMPUTERS/
 COMPLEX CURVES
 MAPPING
 MATHEMATICAL MODELS
 GRAPHICS
 CONTIONS

68 01095 NAT U
 08-A
 SYSTEM DEVELOPMENT CORP., FALLS CHURCH, VA.
 FIVE YEAR PLAN.
 DEFENSE DOCUMENTATION CENTER FIVE YEAR PLAN
 STUDY.
 GENERAL DISTRIBUTION
 AUG 1966, 52 P, TABLES
 TM-ND-268/002
 AD-667 170
 MANAGEMENT ENGINEERING
 PERSONNEL
 COSTS
 ANALYSIS
 SYSTEMS ENGINEERING
 DATA PROCESSING SYSTEMS
 DOCUMENTATION
 INFORMATION RETRIEVAL
 FIVE YEAR PLAN /1967-1971/
 DDC /DEFENSE DOCUMENTATION CENTER/
 VARIOUS
 EQUIPMENT
 IMPROVEMENTS

68 01096 NAT U
 08-A
 SYSTEM DEVELOPMENT CORP., FALLS CHURCH, VA.
 NEEDS AND REQUIREMENTS.
 DEFENSE DOCUMENTATION CENTER FIVE YEAR PLAN
 STUDY.
 GENERAL DISTRIBUTION
 AUG 1966, 80 P
 TM-ND-268/002
 AD-667 171
 SYSTEMS ENGINEERING
 DATA PROCESSING SYSTEMS
 MANAGEMENT ENGINEERING
 DOCUMENTATION
 ANALYSIS
 AUTOMATIC
 FIVE YEAR PLAN /1967-1971/
 DDC /DEFENSE DOCUMENTATION CENTER/
 NEEDS
 REQUIREMENTS

68 01097 NAT U
 08-A
 SYSTEM DEVELOPMENT CORP., FALLS CHURCH, VA.
 STATE OF THE ART STUDY.
 DEFENSE DOCUMENTATION CENTER FIVE YEAR PLAN
 STUDY.
 GENERAL DISTRIBUTION
 AUG 1966, 158 P
 TM-ND-268/003/00
 AD-667 172
 REVIEWS
 INPUT-OUTPUT DEVICES
 COMPUTER STORAGE DEVICES
 PROGRAMMING LANGUAGES
 ANALYSIS
 STANDARDS
 SYSTEMS ENGINEERING
 FIVE YEAR PLAN /1967-1971/
 DDC /DEFENSE DOCUMENTATION CENTER/

68 01098 NAT U
 08-A
 WATSON, R.
 SYSTEM DEVELOPMENT CORP., FALLS CHURCH, VA.
 RECOMMENDATIONS FOR ADD RELATED
 DEVELOPMENTS IN FIVE YEAR PLAN.
 DEFENSE DOCUMENTATION CENTER FIVE YEAR PLAN
 STUDY.
 GENERAL DISTRIBUTION
 SEP 1966, 16 P
 TM-ND-268/004/00
 AD-667 173
 SYSTEMS ENGINEERING
 COMPUTERS
 COMPUTER STORAGE DEVICES
 DESIGN
 ELECTRONIC EQUIPMENT
 FIVE YEAR PLAN /1967-1971/
 DDC /DEFENSE DOCUMENTATION CENTER/
 RESEARCH
 DEVELOPMENT

68 01099 NAT U
 08-C
 REYES, M. A.
 WALLS, A. C.
 ELECTRONIC SYSTEMS DIV., U. S. ARMY FIELD,
 BEDFORD, MASS.
 ELECTRONIC SYSTEMS DESIGN HANDBOOK FOR
 SCIENTIFIC AND TECHNICAL INFORMATION
 ZSTIN002.
 GENERAL DISTRIBUTION
 MAR 1968, 12 P
 ISD 28-67-612
 AD-667 179
 HANDBOOKS
 PERSONNEL
 RESEARCH
 INFORMATION RETRIEVAL
 SCIENTIFIC AND TECHNICAL INFORMATION

68 01100 NAT U
 02-E
 MITCHELL, M. L.
 AEROSPACE CORP., EL SEGUNDO, CALIF.
 AIR FORCE SYSTEMS COMMAND, SPACE AND MISSILE
 SYSTEMS ORGANIZATION, LOS ANGELES.
 FUTURE SENSING OF RAIN BY RADAR.#
 GENERAL DISTRIBUTION
 JAN 1968, 37 P, ILLUS, 6 REFS
 F04695-67-C-0158
 SAMS0-TR-68-115
 AD-667 194
 METEOROLOGICAL RADAR
 RAINFALL
 ATTENUATION
 METEOROLOGICAL SATELLITES
 SCATTERING
 MATHEMATICAL MODELS
 SENSING ELEMENTS
 RADAR CLUTTER
 GROUND-BASED
 SHORT-PULSE
 WAVE LENGTH
 RATE

68 01101 NAT U
 02-E
 BATE, A. J.
 STELL, H. C., PH.D.
 AEROSPACE MEDICAL DIV. AEROSPACE MEDICAL
 RESEARCH LABS., WRIGHT-PATTERSON AFB, OHIO.
 TARGET DETECTION ON SIDE-LOOKING RADAR
 WHEN IMAGE MOTION CAN BE TEMPORARILY
 DELAYED.# FINAL REPORT /JANUARY 1966 TO
 NOVEMBER 1966/.
 GENERAL DISTRIBUTION
 NOV 1967, 26 P, ILLUS, TABLES, 17 REFS
 AMRL-TR-67-23
 AD-667 202
 AVIATION MEDICINE
 TARGET RECOGNITION
 SIDE-LOOKING RADAR
 DISPLAY SYSTEMS
 RADAR IMAGES
 MOTION
 DELAY
 AERIAL RECONNAISSANCE
 STATISTICAL ANALYSIS
 REACTION /PSYCHOLOGY/

68 01102 NAT U
 02-J
 ENGLISH, N. A.
 JOHNS, J. K.
 MCLEDSAY, J. W.
 DAYTON DIV., OHIO, RESEARCH INST.
 AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD,
 MASS.
 AN ANALYSIS OF THE AN/APS-10-ROSE SYSTEM.#
 GENERAL DISTRIBUTION
 NOV 1967, 100 P, ILLUS, TABLES, 6 REFS
 AF 19-6287-4706
 OOR1-TR-67-140
 S4-2
 AFRL-67-1516
 AD-667 203
 RADAR TRACKING
 NUMERICAL ANALYSIS
 WIND
 AERODYNAMIC FORCES
 OSCILLATION
 STATISTICAL ANALYSIS
 METEOROLOGICAL RADAR
 AN/APS-10-ROSE
 WIND
 AERODYNAMIC STUDIES
 TRACKING RADAR

68 01103 NAT U
 02-E
 HARRISON, A.
 RAND CORP., SANTA MONICA, CALIF.
 GYROGRAPHY ON AUTOMATION AND
 TECHNOLOGICAL CHANGE AND STUDIES OF THE
 FUTURE.#
 GENERAL DISTRIBUTION
 MAR 1968, 34 P
 AD-667 243
 GYROGRAPHY
 AUTOMATION
 TECHNOLOGICAL INTELLIGENCE
 CHANGE

68 01104 NAT U
 02-E
 HARRISON, A.
 RAND CORP., SANTA MONICA, CALIF.
 NAVAL CIVIL ENGINEERING LAB., PORT HENRY,
 CANADA
 MEASUREMENT OF AERIAL MARKING PAINT
 EFFECTIVITY.#
 GENERAL DISTRIBUTION
 MAR 1968, 14 P, ILLUS, TABLES, 5 REFS
 AD-667 234
 CAN 14-11105
 PAINT
 TENSILE PROPERTIES
 FILMS
 TEST METHODS
 STATISTICAL ANALYSIS
 DATA
 OPERATION
 EFFECTIVENESS
 RUNWAYS
 FREE-FILM
 ELONGATION
 ELONGATION
 FIELD PERFORMANCE

68 01105 NAT U
 02-N
 HARCZYK, J. A.
 FAITH, K. L.
 MELPAR, INC., FALLS CHURCH, VA.
 NAVAL TRAINING DEVICE CENTER, ORLANDO, FLA.
 SIMULATION OF HELICOPTER AND V/STOL
 AIRCRAFT VOLUME VI, XC-142 ANALOG COMPUTER
 PROGRAM STUDY - XC-142A SIMULATION EQUATIONS
 MECHANIZATION.# FINAL REPORT.
 GENERAL DISTRIBUTION
 JAN 1965, 212 P, ILLUS, TABLES
 NAVTRADEVCE-1205-6
 AD-667 264
 HELICOPTERS
 VERTICAL TAKE-OFF PLANES
 TILT WINGS
 SIMULATION
 MATHEMATICAL MODELS
 ANALOG COMPUTERS
 EQUATIONS
 PROGRAMMING /COMPUTERS/
 DATA
 XC-142A AIRCRAFT
 MECHANIZATION

68 01107 NAT U
 06-C
 LAREY, R. B.
 HUTTON, D. B.
 KALAGIAN, G. S.
 FEDERAL COMMUNICATIONS COMMISSION, WASHINGTON,
 D. C.
 POPSI PROJECT.#
 GENERAL DISTRIBUTION
 MAR 1968, 125 P, ILLUS, TABLES
 R-6801
 AD-667 422
 SCATTERING
 INTERFERENCE
 ATMOSPHERIC PRECIPITATION
 ANTENNA CONFIGURATIONS
 TRANSMITTER-RECEIVERS
 BEAMS /ELECTROMAGNETIC/
 MICROWAVE RELAY SYSTEMS
 SATELLITE ANTENNAS
 PROPAGATION
 DATA
 ANALYSIS
 PROJECT POPSI /PRECIPITATION AND OFF-PATH
 SCATTERED INTERFERENCE/
 COMMON VOLUMES
 PATH

68 01108 NAT U
 06-C
 LAREY, R. B.
 HUTTON, D. B.
 KALAGIAN, G. S.
 FEDERAL COMMUNICATIONS COMMISSION, WASHINGTON,
 D. C.
 POPSI PROJECT.#
 GENERAL DISTRIBUTION
 MAR 1968, 100 P, ILLUS, TABLES
 AD-667 423
 POPULATION
 TABLES
 ANTENNA CONFIGURATIONS
 TRANSMITTER-RECEIVERS
 SATELLITE ANTENNAS
 PROPAGATION
 PROJECT POPSI /PRECIPITATION AND OFF-PATH
 SCATTERED INTERFERENCE/
 WILDMOOD, NEW JERSEY
 WALLOPS ISLAND, VIRGINIA
 NAFEL, A. ANTIC CITY
 PATH
 SAMPLE

68 01109 NAT U
 06-U
 WHEELER, H. H.
 NAVAL RESEARCH LAB., WASHINGTON, D. C.
 ELIMINATING RADAR AMBIGUITIES BY PROCESSING
 STAGGERED PULSE TRAINS OR SPECTRA.#
 GENERAL DISTRIBUTION
 FEB 1968, 42 P, ILLUS
 AD-667 459
 DOPPLER RADAR
 REDUCTION
 PULSE MODULATION
 RANGES /DISTANCE/
 NARROWBAND
 FILTERS /ELECTROMAGNETIC WAVE/
 ANALOG COMPUTERS
 AMBIGUITIES
 WAVEFORM
 SPECTRUM

68 01110 NAT U
 07-G
 CARO, P. W., JR.
 GEORGE WASHINGTON UNIV., ALEXANDRIA, VA.
 HUMAN RESOURCE, RESEARCH OFFICE.
 FLIGHT EVALUATION PROCEDURES AND QUALITY
 CONTROL OF TRAINING.# TECHNICAL REPORT.
 GENERAL DISTRIBUTION
 MAR 1968, 32 P, TABLES, 8 REFS
 DA 44-188-ARO-2
 GWO-TR-68-3
 AD-667 512
 FLIGHT
 STATISTICAL ANALYSIS
 QUALITY CONTROL
 TRAINING
 ROTARY WINGS
 OPERATION
 EFFECTIVENESS
 DATA
 GRADING /TESTS/

68 01111 NAT U
 07-U
 MCRUER, G. F.
 HOFFMAN, L. G.
 JEX, H. H.
 MOORE, G. P.
 PHAYAK, A. V.
 WEIK, D. H.
 WOLKOVITCH, J.
 SYSTEMS TECHNOLOGY, INC., HAWTHORNE, CALIF.
 AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
 PATTERSON AFB, OHIO.
 NEW APPROACHES TO HUMAN-PILOT/VEHICLE
 DYNAMIC ANALYSIS.#
 FINAL REPORT /MARCH 1966 TO JUNE 1967/.
 GENERAL DISTRIBUTION
 FEB 1968, 188 P, ILLUS, TABLES, 132 REFS
 AF33/6157-3052
 TR 164-2
 AFFOL-TR-67-150
 AD-667 549
 PILOTS
 VEHICLES
 DYNAMICS
 ANALYSIS
 MATHEMATICAL MODELS
 CONTROL
 TRACKING
 PHYSIOLOGY
 STANDARDS
 OPTIMIZATION
 MAN-MACHINE SYSTEMS
 QUASI-LINEAR MODELS
 MANUAL

68 01112 NAT U
 07-A
 WOLKOVITCH, J.
 SYSTEMS TECHNOLOGY, INC., HAWTHORNE, CALIF.
 AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
 PATTERSON AFB, OHIO.
 OPTIMIZATION OF LINEAR AND NONLINEAR
 SYSTEMS BY MINIMIZATION OF AUXILIARY
 EFFORT.# FINAL REPORT.
 GENERAL DISTRIBUTION
 FEB 1968, 178 P, ILLUS, 14 REFS
 AF 33015-68-C-1169
 STI-TR-900-1
 AFFOL-TR-67-171
 AD-667 554
 OPTIMIZATION
 LINEAR SYSTEMS
 NONLINEAR SYSTEMS
 CONTROL SYSTEMS
 M.A.E. /MINIMIZATION OF AUXILIARY EFFORT/
 COMPARATIVE STUDIES

68 0113 NAT U
01-A
HANMAN, J. W., JR.
NAVAL SHIP ENGINEERING CENTER, PHILADELPHIA.
A REVIEW OF THE STATE-OF-THE-ART OF
FLUIDIC CONTROL. FINAL REPORT 7/5 MARCH
1967.
GENERAL DISTRIBUTION
MAR 1968, 11 P
AD-667 597
FLUID DYNAMIC PROPERTIES
AUTOMATIC
CONTROL SYSTEMS
NAVAL EQUIPMENT
ANALYSIS
FLUIDICS

68 0114 NAT U
11
LOWENSTEIN, C. D.
MOORE, J. D.
CALIFORNIA, UNIV., SAN DIEGO, MARINE PHYSICAL
LAB.
OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
ON THE OPTIMIZATION OF TRANSPONDER SPACING
FOR RANGE-RANGE NAVIGATION. #
JOURNAL OF OCEAN TECHNOLOGY, VOL. 1, NO. 2,
PP. 29-31, 1967.
GENERAL DISTRIBUTION
1967, 4 P, ILLUS
N0NR2216/05/
NR-260 103
AD-667 681
OPTIMIZATION
TRANSPONDERS
NAVIGATION
RANGES /DISTANCE/
ERRORS
SPACING

68 0115 NAT U
11
KAUS, D. A., LCDR.
UNITED STATES COAST GUARD, WASHINGTON, D. C.
ESNA 250MM ROTATING BEACON. #
GENERAL DISTRIBUTION
MAR 1968, 60 P, ILLUS
AD-667 709
ROTATION
BEACONS
PHOTOELECTRIC
MEASUREMENT
TEST METHODS
ESNA 250MM

68 0116 NAT U
01-C
MASON, W. P.
COLUMBIA UNIV., NEW YORK, DEPT. OF CIVIL
ENGINEERING AND ENGINEERING MECHANICS.
OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
ULTRASONICS AND HYPERSONICS. # A REVIEW.
TECHNICAL REPORT.
GENERAL DISTRIBUTION
Feb 1968, 45 P, ILLUS, 7 REFS
N0NR266/91/
NR-066-470-TH-55
AD-667 735
ULTRASONIC RADIATION
HYPERSONIC CHARACTERISTICS
SOUND RADIATING
DELAY LINES
LOW-TEMPERATURE RESEARCH
SCATTERING
HEATING
WELDING
RELAXATION TIME
THERMAL PULSES
BRILLIDIN
MECHANICAL FILTERS

68 0117 NAT U
01-C
PORTMAN, D. J.
DAVIDSON, K. L.
NIGHTMAN, UNIV., AND ARBOR, COLL. OF
ENGINEERING,
OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
AN INVESTIGATION OF THE STRUCTURE OF
TURBULENCE OVER WATER SURFACE WAVES. #
GENERAL DISTRIBUTION
MAR 1968, 32 P, ILLUS
AD-667 739
TURBULENCE
WATER WAVES
SENSING ELEMENTS
TEMPERATURE
MAGNETIC RECORDING SYSTEMS
MEASURING DEVICES /ELECTRICAL & ELECTRO
HEAT
MOMENTUM
WIND
RESEARCH

68 0118 NAT U
07-H
CLEMENT, W. P.
GRAHAM, D.
BEST, J. J.
SYSTEMS TECHNOLOGY, INC., HAWTHORNE, CALIF.
OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
A REEXAMINATION OF EYE MOVEMENT DATA. #
TECHNICAL MEMORANDUM.
GENERAL DISTRIBUTION
FEB 1967, 113 P, ILLUS, TABLES, 81 REFS
N00014-16-C0072
STI-TR-163-A
AD-667 768
PILOTS
EYE
MOTION
DATA
MATHEMATICAL MODELS
FLIGHT TESTING
ADAPTATION /PHYSIOLOGY/
FLIGHT INSTRUMENTS
DISPLAY SYSTEMS
TRACKING
HUMAN ENGINEERING

68 0119 NAT U
06-E
WALL, V. W.
AEROSPACE CORP., EL SEGUNDO, CALIF.
AIR FORCE SYSTEMS COMMAND, SPACE AND MISSILE
SYSTEMS ORGANIZATION, LOS ANGELES.
MILITARY COMMUNICATION SATELLITES. #
GENERAL DISTRIBUTION
JAN 1968, 28 P, ILLUS
FO4695-67-C-0150
TR-0150/511-017-01
SANSO-TR-68-116
AD-667 782
COMMUNICATION SATELLITES /PASSIVE/
EQUATORIAL ORBIT TRAJECTORIES
LAUNCHING
MICROWAVE RELAY SYSTEMS
EDOSP /INITIAL DEFENSE COMMUNICATION SATELLITE
PROGRAM/
DATA /DESPUN ANTENNA TEST SATELLITE/
TACTICAL COMMUNICATION SATELLITES
EARTH-ORBITING

68 01120 NAT U
02-1
KAMINS, M.
RAND CORP., SANTA MONICA, CALIF.
JET FIGHTER ACCIDENT/ATTRITION RATES IN
PEACETIME - AN APPLICATION OF RELIABILITY
GROWTH MODELLING.
GENERAL DISTRIBUTION
MAR 1968, 39 P, ILLUS, TABLES
F44620-67-C-0045
RM-5563-PR
AD-667 784
JET FIGHTERS
ACCIDENTS
RELIABILITY
VOLUME
MATHEMATICAL MODELS
MATHEMATICAL PREDICTION
STATISTICAL ANALYSIS
ARMED FORCES SUPPLIES
MALFUNCTIONS

68 01121 NAT U
06-C
STRAIT, M. J.
SYRACUSE UNIV., N. Y. RESEARCH INST.
AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD,
MASS.
DESIGN AND DEVELOPMENT OF PARTIALLY UNIFORM
ARRAYS.
FINAL SCIENTIFIC REPORT /1 FEBRUARY
1966 TO 31 JANUARY 1968/.
GENERAL DISTRIBUTION
FEB 1968, 62 P, ILLUS, 51 REFS
AF19/628/-5882
FF-0268-F
AFCL-68-0110
AD-667 801
DESIGN
ANTENNA CONFIGURATIONS
LINEAR SYSTEMS
ANTENNA LOBES
AMPLITUDE MODULATION
COMPUTERS
PARTIALLY UNIFORM
SPACED ARRAYS

68 01122 NAT U
09-F
HAENER, J.
ASHBAUGH, M.
CHIA, C-Y.
FENG, M-Y.
WHITTAKER CORP. NARMCO RESEARCH AND
DEVELOPMENT DIV., SAN DIEGO, CALIF.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
INVESTIGATION OF MICROMECHANICAL BEHAVIOR
OF FIBER REINFORCED PLASTICS.
FINAL REPORT
/14 JUNE 1966 TO 14 MARCH 1967/.
GENERAL DISTRIBUTION
FEB 1968, 234 P, ILLUS, TABLES, 7 REFS
DA 44-177-AMC-641/T/
USAAVLABS-TR-67-66
AD-667 901
MECHANICAL PROPERTIES
PLASTICS
FIBERS /SYNTHETIC/
REINFORCING MATERIALS
LOADING /MECHANICS/
BULKING /MECHANICS/
NUMERICAL ANALYSIS
PARTIAL DIFFERENTIAL EQUATIONS
MATRIX ALGEBRA
MICROMECHANICAL
INSTABILITY
PARAMETRIC STUDIES

68 01123 NAT U
01-G
RUBBERT, P. E.
SAARIS, G. A.
SCHOLEY, M. B.
STANDEN, M. M.
WALLACE, R. E.
BOEING CO. AIRPLANE DIV., RENTON, WASH.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
THEORY AND APPLICATION.
VOLUME I.
A GENERAL METHOD FOR DETERMINING THE
AERODYNAMIC CHARACTERISTICS OF FAN-IN-WING
CONFIGURATIONS.
GENERAL DISTRIBUTION
DEC 1967, 302 P, ILLUS, 14 REFS
DA44-177-AMC-323/T/
USAAVLABS 7-R-67-61A
AD-667 980
AERODYNAMIC CHARACTERISTICS
AERODYNAMIC CONFIGURATIONS
FLUID FLOW
BOUNDARY VALUE PROBLEMS
GEOMETRY
PROGRAMMING /COMPUTERS/
THEORY
NUMERICAL METHODS AND PROCEDURES
LIFT
DIGITAL COMPUTERS
BOUNDARY LAYER
FAN-IN-WING
ENGINE-WING CONFIGURATIONS

68 01124 NAT U
01-G
HINK, G. R.
GILBERT, F. R.
SUNDSTROM, K. A.
BOEING CO. AIRPLANE DIV., RENTON, WASH.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
COMPUTER PROGRAM DESCRIPTION.
VOLUME II.
A GENERAL METHOD FOR DETERMINING THE
AERODYNAMIC CHARACTERISTICS OF FAN-IN-WING
CONFIGURATIONS.
GENERAL DISTRIBUTION
DEC 1967, 133 P, ILLUS, 4 REFS
DA44-177-AMC-323/F/
USAAVLABS-TR-67-61B
AD-667 981
AERODYNAMIC CHARACTERISTICS
AERODYNAMIC CONFIGURATIONS
DIGITAL COMPUTERS
PROGRAMMING /COMPUTERS/
PROGRAMMING LANGUAGES
GEOMETRY
BOUNDARY LAYER
FLUID FLOW
FAN-IN-WING
FORTRAN IV
ASCENT
ENGINE-WING CONFIGURATIONS

68 01125
02-N
CURNOTT, R. A.
CURTISS, H. C., JR.
PRINCETON UNIV., N. J. DEPT. OF MECHANICAL
SCIENCES.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
COMPARISON OF LONGITUDINAL STABILITY
CHARACTERISTICS OF THREE TILT-WING VTOL
AIRCRAFT DESIGNS.#
GENERAL DISTRIBUTION
JAN 1968, 101 P, ILLUS, TABLES, 18 REFS
DA44-177-AMC-8/T/
USAAVLABS-TR-66-64
AD-667 983
ROLL
TILT WINGS
VERTICAL TAKE-OFF PLANES
DESIGN
TRIM
MODELS /SIMULATION/
WIND TUNNELS
FLIGHT TESTING
ANALOG COMPUTERS
DATA
MATHEMATICAL ANALYSIS
UH-1 AIRCRAFT
UH-1A AIRCRAFT
UH-1C AIRCRAFT
COMPARATIVE STUDIES

NAT U

68 01127
09-B
STOCKTON, W. W.
OLSEN, C. M.
GENERAL ELECTRIC CO. FLIGHT PROPULSION LAB.
DEPT., CINCINNATI.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
FEASIBILITY OF BURNING EMULSIFIED FUEL
IN A 7LM100 ENGINE.#
GENERAL DISTRIBUTION
FEB 1968, 70 P, ILLUS
DA4402-67-C-0038
USAAVLABS-TR-67-74
AD-667 902
FEASIBILITY STUDIES
GAS TURBINES
COLLOIDS
SAFETY
NOZZLES
OPERATION
EFFECTIVENESS
JET ENGINE FUELS
7LM 100 ENGINE
JP-4 FUEL
CLOGGING
COMPARATIVE STUDIES

NAT U

68 01128
01-E
SMITH, E. G.
GENERAL ELECTRIC CO. FLIGHT PROPULSION LAB.
DEPT., CINCINNATI.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
INVESTIGATIONS OF A VARIABLE AREA SCROLL
FOR POWER TRANSFER IN TIP TURBINE LIFT FAN
SYSTEMS.# FINAL REPORT /JUNE 1964 TO
DECEMBER 1966/.
GENERAL DISTRIBUTION
NOV 1967, 624 P, ILLUS, TABLES, 9 REFS
DA44-177-AMC-220/T/
USAAVLABS-TR-67-26
GEUR-R07FPD218
AD-667 989
TURBINES
FANS
LIFT
POWER
RESPONSE
CONTROL
ROLL
ANALOG SYSTEMS
SIMULATION
AERODYNAMICS
OPERATION
EFFECTIVENESS
ANALYSIS
LF 2 ROTOR SYSTEM
TIP TURBINE LIFT FAN
VARIABLE AREA SCROLL
TRANSFER

NAT U

68 01128
01-E
SMITH, E. G.
GENERAL ELECTRIC CO. FLIGHT PROPULSION LAB.
DEPT., CINCINNATI.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
INVESTIGATIONS OF A VARIABLE AREA SCROLL
FOR POWER TRANSFER IN TIP TURBINE LIFT FAN
SYSTEMS.# FINAL REPORT /JUNE 1964 TO
DECEMBER 1966/.
GENERAL DISTRIBUTION
NOV 1967, 624 P, ILLUS, TABLES, 9 REFS
DA44-177-AMC-220/T/
USAAVLABS-TR-67-26
GEUR-R07FPD218
AD-667 989
TURBINES
FANS
LIFT
POWER
RESPONSE
CONTROL
ROLL
ANALOG SYSTEMS
SIMULATION
AERODYNAMICS
OPERATION
EFFECTIVENESS
ANALYSIS
LF 2 ROTOR SYSTEM
TIP TURBINE LIFT FAN
VARIABLE AREA SCROLL
TRANSFER

NAT U

68 01129 NAT U
07-F
STRIEFF, H. G.
BELL AEROSYSTEMS CO., BUFFALO.
NAVAL TRAINING DEVICE CENTER, ORLANDO, FLA.
SUGGESTED GUIDE FOR A FUNCTIONAL TEST
SPECIFICATION FOR HELICOPTER AND V/STOL
AIRCRAFT FLIGHT TRAINERS.# VOLUME III,
FINAL REPORT.
SURVEY OF HELICOPTER AND V/STOL
AIRCRAFT SIMULATOR TRAINER
DYNAMIC RESPONSE STUDY.
GENERAL DISTRIBUTION
JUN 1967, 81 P, ILLUS, TABLES, 6 REFS
N61339-1753
NAVTRADDEVCM 1753-3
AD-667 722
HELICOPTERS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
DYNAMICS
RESPONSE
STANDARDS
INSTRUMENT FLIGHT
TRAINING DEVICES
SPECIFICATIONS
SIMULATION
WEAPON SYSTEMS
AIRCRAFT WEAPON SYSTEM TRAINER/

68 01130 NAT U
07-F
STRIEFF, H. G.
BELL AEROSYSTEMS CO., BUFFALO.
NAVAL TRAINING DEVICE CENTER, ORLANDO, FLA.
DYNAMIC RESPONSE CRITERIA FOR ROTARY WING
AIRCRAFT FLIGHT TRAINERS.# VOLUME I, FINAL
REPORT.
SURVEY OF HELICOPTER AND V/STOL
AIRCRAFT SIMULATOR TRAINER DYNAMIC
RESPONSE STUDY.
GENERAL DISTRIBUTION
AUG 1966, 235 P, ILLUS, TABLES, 130 REFS
N61339-1753
NAVTRADDEVCM 1753-1
AD-668 005
HELICOPTERS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
DYNAMICS
RESPONSE
TRAINING DEVICE
SIMULATION
STANDARDS
PILOTS
SENSITIVITY
EQUATIONS
MOTION
FLIGHT CONTROL SYSTEMS
MANEUVERABILITY
ROTARY WINGS

68 01131 NAT U
07-F
STRIEFF, H. G.
BELL AEROSYSTEMS CO., BUFFALO.
NAVAL TRAINING DEVICE CENTER, ORLANDO, FLA.
DYNAMIC RESPONSE CRITERIA FOR V/STOL
AIRCRAFT TRAINERS.# VOLUME II, FINAL
REPORT.
SURVEY OF HELICOPTER AND V/STOL
AIRCRAFT SIMULATOR TRAINER DYNAMIC
RESPONSE STUDY.
GENERAL DISTRIBUTION
MAY 1967, 184 P, ILLUS, TABLES, 92 REFS
N61339-1753
NAVTRADDEVCM 1753-2
AD-668 006
HELICOPTERS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
DYNAMICS
RESPONSE
TRAINING DEVICES
SIMULATION
STANDARDS
CONTROL
PILOTS
SENSITIVITY
EQUATIONS
MOTION

68 01132 NAT U
08-U
GOLD, M. M.
CARNEGIE-MELLON UNIV., PITTSBURGH.
AIR FORCE OFFICE OF SCIENTIFIC RESEARCH,
WASHINGTON, D. C.
A METHODOLOGY FOR EVALUATING TIME-SHARED
COMPUTER SYSTEM USAGE.# SCIENTIFIC INTERIM
REPORT.
GENERAL DISTRIBUTION
AUG 1967, 144 P, ILLUS, TABLES, 87 REFS
AFOSR-68-0795
AD-668 084
SYSTEMS ENGINEERING
COMPUTERS
COSTS
OPERATION
EFFECTIVENESS
VELOCITY
LEARNING
ATTITUDES
FEEDBACK
TIME-SHARED
METHODOLOGY
COMPARATIVE STUDIES
BATCH PROCESSING

68 01134 NAT U
01-C
PRYADILOV, A. I.
AIR FORCE SYSTEMS COMMAND,
FOREIGN TECHNOLOGY DIV.,
WRIGHT-PATTERSON AFB, OHIO.
SLIPPING STALL.# TRANSLATED FROM
RUSSIAN.
GENERAL DISTRIBUTION
1961, 12 P
FTD-MT-24-175-67
AD-668 110
STALLING
AXIAL-FLOW COMPRESSOR BLADES
GAS FLOW
VELOCITY
ROTATION
AMPLITUDE MODULATION
MATHEMATICAL ANALYSIS
SLIPPING
PULSATIONS

68 01135 NAT U
09-B
TERESHCHENKO, YE. R.
ZALOGA, B. D.
MAKSHOV, S. M.
AIR FORCE SYSTEMS COMMAND.
FOREIGN TECHNOLOGY DIV.
WRIGHT-PATTERSON AFB, OHIO.
METHOD OF APPRAISING THERMAL STABILITY
OF FUELS UNDER DYNAMIC CONDITIONS.
TRANSLATED FROM RUSSIAN.
GENERAL DISTRIBUTION
1966, 133 P
AD-668 114
AVIATION FUELS
ANALYSIS
STABILITY
HIGH-TEMPERATURE RESEARCH
COMBUSTION CHAMBERS
TEST METHODS
HYDROCARBONS
VAPOR PRESSURE
TURBOJET ENGINES
EVAPORATION
LUBRICANTS
LOW-PRESSURE RESEARCH
OXIDATION
GASES
LIQUIDS
FRICTION
SATURATION
SOLUBILITY
DEPOSITION /CHEMISTRY/

68 01136 NAT U
09-B
AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
TRANSACTIONS OF THE THIRD AEROSPACE
EXPANDABLE AND MODULAR STRUCTURES
CONFERENCE. # HELD AT THE CARILLON HOTEL,
MIAMI BEACH, FLORIDA, MAY 16, 17 AND 18,
1967.
GENERAL DISTRIBUTION
FEH 1968, 736 P, ILLUS, TABLES
AFAPL-TR 68-17
AD-668 181
STRUCTURES
RE-ENTRY VEHICLES
SPACE STATIONS
ANTENNAS
PLASTICS
RECOVERY VEHICLES
CHEMICALS
SOLAR RADIATION
SHELTERS
SPACE TECHNOLOGY
EXPANDABLE
MODULAR
AIRLOCKS
RIGIDIZED
COLLECTION

68 01137 NAT U
09-B
MAARIS, J. C.
STEINMETZ, E. A.
MOMSAUTO RESEARCH CORP., DAYTON, OHIO.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
INVESTIGATION AND ANALYSIS OF AIRCRAFT
FUEL EMULSIONS. # FINAL REPORT 715 JUNE
1966 TO 14 JUNE 1967.
GENERAL DISTRIBUTION
DEC 1967, 191 P, ILLUS, TABLES
DAAG-177-AMC-445/17
USAAVLABS TR-67-70
AD-668 248
AVIATION FUELS
COLLOIDS
ANALYSIS
GAS TURBINES
SAFETY
FLAMMABILITY
SURFACE ACTIVE SUBSTANCES
SEPARATION
GRAVITY
ACCELERATION
VISCOSITY
JP-4 FUEL
TALLION AMINE ACETATE

68 01138 NAT U
02-E
ROBINSON, A. C.
MICHIGAN UNIV., ANN ARBOR.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
A SURVEY OF THEORETICAL DYNAMIC ANALYSIS
METHODS FOR AUTOMATIC FLIGHT CONTROL
DESIGN. # FINAL REPORT.
GENERAL DISTRIBUTION
OCT 1967, 188 P, ILLUS, 967 REFS
AFF33/615-1817
AFFDL-TR-67-147
AD-668 472
THEORY
ANALYSIS
AUTOMATIC
FLIGHT CONTROL SYSTEMS
DESIGN
ATTITUDE CONTROL SYSTEMS
LINEAR SYSTEMS
NONLINEAR SYSTEMS
ADAPTIVE CONTROL SYSTEMS
OPTIMIZATION
BIBLIOGRAPHIES
DETERMINISTIC INPUTS
RANDOM INPUTS

68 01140 NAT U
 05-H
 STEINBERG, R. H., CAPT.
 NAVAL AEROSPACE MEDICAL INST., PENSACOLA,
 FLA.
 ARMY AEROMEDICAL RESEARCH UNIT,
 FORT RUCKER, ALA.
 GANGLION CELL RESPONSE CHARACTERISTICS
 FROM THE AREA CENTRALIS IN THE INTACT EYE
 OF THE CAT.#
 GENERAL DISTRIBUTION
 FEB 1967, 42 P, ILLUS, 33 REFS
 NAMI-1031
 USAARU-SN-68-5
 AD-668 502
 GANGLIA
 CELLS /BIOLOGY/
 RESPONSE
 RETINA
 AVIATION MEDICINE
 AFTERIMAGES
 THRESHOLDS /PHYSIOLOGY/
 INTENSITY
 ANALYSIS
 LABORATORY ANIMALS
 CAT /ANIMAL/
 AREA CENTRALIS
 RECEPTIVE FIELD
 ELECTRORETINOGRAM
 FLASHES
 DURATION

68 01141 NAT U
 10-G
 COLLINS, S. A., JR.
 OHIO STATE UNIV., COLUMBUS. ELECTRO SCIENCE
 LAB.
 AIR FORCE AVIONICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 DESCRIPTION OF ENERGY TRANSFER IN
 TURBULENT AIR.# TECHNICAL REPORT.
 NO FOREIGN
 JAN 1968, 65 P, ILLUS
 ENERGY
 TURBULENCE
 LASERS
 PROPAGATION
 DIFFERENTIAL EQUATIONS
 STATISTICAL FUNCTIONS
 WIND TUNNELS
 ATMOSPHERE
 VELOCITY
 TEMPERATURE
 FLUID FLOW
 COMPARATIVE STUDIES

68 01142 NAT U
 05-I
 BAKER, W. J.
 VAN COTT, M. P.
 FLEISHMAN, E. A.
 AMERICAN INST. FOR RESEARCH, SILVER SPRING,
 MD.
 ARMY MEDICAL RESEARCH LAB., EDGEMOND
 ARSENAL, MD.
 EFFECTS OF DRUGS ON HUMAN PERFORMANCE -
 SUMMARY OF RESULTS.# FINAL REPORT /JULY
 1964 TO OCTOBER 1967.
 GOVERNMENT AGENCIES ONLY
 NOV 1967, 19 P, 14 REFS
 DAIR-014-AMC-202/67
 FM-AIR-R E-25-11/67
 AD-825 695
 AVIATION MEDICINE
 DRUGS
 MAN
 PERFORMANCE TESTS
 PERSONALITY
 BODY WEIGHT
 EXPERIMENTAL DATA
 ANALYSIS
 METHODOLOGY

68 01143 NAT U
 08-F
 CURTIS, J. A., CAPT.
 MILLER, R. A.
 AIR FORCE INST. OF TECH. SCHOOL OF SYSTEMS
 AND LOGISTICS, WRIGHT-PATTERSON AFB, OHIO.
 AN ANALYSIS OF THE USE OF MILITARY
 AIRLIFT COMMAND RETROGRADE CARGO
 CAPABILITY.# MASTERS THESIS.
 NO FOREIGN
 AUG 1967, 102 P, ILLUS, TABLES
 SLSR-39-67
 AD-825 768
 ANALYSIS
 CARGO
 VOLUME
 VELOCITY
 COSTS
 LOGISTICS
 STANDARDS
 STATISTICAL DATA
 AIR TRANSPORTATION
 AIR-DROP OPERATIONS
 MAC /MILITARY AIRLIFT COMMAND/
 RETROGRADE
 INBOUNDS FLIGHTS
 UTILIZATION
 SPACE

68 01144 NAT U
 10-C
 AIR WEATHER SERVICE, WASHINGTON, D. C.
 WEATHER CONDITIONS ON A NORTH ATLANTIC
 AIR ROUTE.#
 GENERAL DISTRIBUTION
 JUL 1951, 20 P
 AWS-55-105-46
 AD-825 920
 WEATHER FORECASTING
 AIR ROUTES
 AIRPORTS
 DATA
 WIND
 CEILING
 VISIBILITY
 SYNOPTIC
 NORTH ATLANTIC
 SEASONAL VARIATIONS
 WESTOVER AFB
 HARMON AFB
 LAGES AFB
 ORLY AFB
 RHEIN-MAIN AFB
 COMPARATIVE STUDIES

68 01145 NAT U
 10-C
 AIR WEATHER SERVICE, WASHINGTON, D. C.
 WEATHER CONDITIONS ON AN ATLANTIC AIR
 ROUTE.#
 GENERAL DISTRIBUTION
 MAR 1952, 17 P
 AWS-55-105-47
 AD-825 921
 WEATHER FORECASTING
 AIR ROUTES
 AIRPORTS
 DATA
 WIND
 CEILING
 ATLANTIC
 SEASONAL VARIATIONS
 BROOKLEY AFB
 KINOLEY AFB
 LAGES AFB
 BURTONWOOD RAF STATION
 COMPARATIVE STUDIES

68 01146 NAT U
 08-F
 DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
 INTEGRATED LOGISTIC SUPPORT.
 GENERAL DISTRIBUTION
 JUL 1967, 167 P
 AD-825 991
 DEPARTMENT OF DEFENSE
 LOGISTICS
 MANAGEMENT ENGINEERING
 ANALYSIS
 MILITARY PUBLICATIONS
 EFFECTIVENESS
 ILS /INTEGRATED LOGISTIC SUPPORT/
 INTERFACES
 DOCUMENTS
 DRAFT INSTRUCTIONS

68 01147 NAT U
 01-D
 NANEVICZ, J. E.
 VANCE, E. F.
 HILRENS, R. R.
 WADSWORTH, W. C.
 STANFORD RESEARCH INST., MENLO PARK, CALIF.
 AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON
 AFB, OHIO.
 EXPERIMENTAL DEVELOPMENT OF DYNAMIC
 STATIC DISCHARGER SYSTEM FOR LARGE JET
 AIRCRAFT.
 TECHNICAL FINAL REPORT /JULY
 1966 TO AUGUST 1967/.
 NO FOREIGN
 NOV 1967, 74 P, ILLUS, 13 REFS
 AF33/615/-3246
 SHI PHOJ-6129
 AFAL TR-67-313
 AD-826 014
 ELECTROSTATIC PRECIPITATION
 STATIC DISCHARGERS
 TANKER PLANES
 POWER SUPPLIES
 ELECTRIC POTENTIAL
 CONTROL SYSTEMS
 AIRFOILS
 WIND TUNNELS
 METERS
 CIRCUITS
 MATHEMATICAL ANALYSIS
 JET TRANSPORT PLANES
 KC-135 AIRCRAFT
 DISCHARGER SYSTEM
 FIELD METER

68 01148 NAT U
 12-F
 NATIONAL AERONAUTICS AND SPACE
 ADMINISTRATION, WASHINGTON, D. C.
 PROCEEDINGS OF THE CONFERENCE ON SONIC
 BOOM RESEARCH, WASHINGTON, D. C., APRIL 12,
 1967.
 GENERAL DISTRIBUTION
 APR 1967, 117 P
 NASA SP-147
 N68-21411 THRU N68-21418
 SONIC BOOM
 MATHEMATICAL ANALYSIS
 ATMOSPHERE
 FLIGHT TESTING
 REDUCTION
 MAN
 STRUCTURES
 RESPONSE
 PRESSURE PATTERN FLIGHT
 WIND TUNNEL MODELS
 RESEARCH

68 01149 NAT U
 08-F
 COMMUNICATION SYSTEMS INCORPORATED
 PARAMUS, N. Y.
 ELECTRONIC SYSTEMS DIV., 110 W. HANSON DR
 FLEMINGHAM, MASS.
 IMPLEMENTATION TEST METHODS FOR THE
 LONG DISTANCE TERMINAL SUBSYSTEM.
 VOLUME 111.
 COMMUNICATIONS ELECTRONICS FACILITY AND
 SYSTEM IMPLEMENTATION TEST METHODS.
 NO FOREIGN
 SEP 1966, 57 P, ILLUS
 AF19/624/-67-0003
 ASD-TR-66-263
 AD-829 463
 TEST METHODS
 COMMUNICATION SYSTEMS
 ELECTRONICS
 CIRCUITS
 DIRECT CURRENT
 TELEGRAPH EQUIPMENT
 DATA
 BROADBAND
 LONG DISTANCE
 TERMINAL SUBSYSTEM

68 01150 NAT U
 08-C
 OHIO STATE UNIV., COLUMBUS, ELECTRO SCIENCE
 LAB.
 AIR FORCE AVIONICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 TECHNIQUES FOR INTEGRATING SOLID-STATE
 CIRCUITRY INTO ANTENNAS.
 INTERIM TECHNICAL REPORT /1 DECEMBER 1967
 TO 29 FEBRUARY 1968/.
 NO FOREIGN
 MAR 1968, 17 P, ILLUS, TABLES, 9 REFS
 AF33/615/-3384
 ES-L-2142-14
 AD-829 428
 TECHNIQUES
 SLOT ANTENNAS
 WAVEGUIDES
 DIGITAL COMPUTERS
 AMPLIFIERS
 ANTENNAFIER

68 01151 NAT U
 11
 THOMAS, H. M., III, LT.
 NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
 RECEIVER DESIGN FOR A SHORT RANGE,
 PRECISE, NAVIGATION SYSTEM.
 MASTERS THESIS.
 NO FOREIGN
 DEC 1967, 72 P, ILLUS
 AD-828 259
 TRANSMITTER-RECEIVERS
 NAVIGATION
 STABILITY
 FEASIBILITY STUDIES
 PHASE-LOCKED COMMUNICATION SYSTEMS
 OSCILLATORS
 CIRCUITS
 ELECTRICAL IMPEDANCE
 CONTINUOUS-WAVE
 SHORT-RANGE
 SCHMITT TRIGGER

68 01152 NAT U
10-B
SCHMIESCHEK, U
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
FOG DISPENSAL OVER AIRPORT RUNWAYS BY A
MECHANICAL METHOD.
GENERAL DISTRIBUTION
MAR 1967, 16 P, ILLUS
AD-827 880
FOG
LANDING FIELDS
RUNWAYS
ROTATION
TEST METHODS
VISIBILITY
DISPERSAL
ROTARY SEIVES

68 01153 NAT U
09-H
ADAMCZAK, R. L.
HINTING, R. J.
SCHWENKER, R.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
PROCEEDINGS OF THE AFML HYDRAULIC FLUIDS
CONFERENCE.
NO FOREIGN
FEB 1967, 497 P, ILLUS, TABLES
AFML-TR-67-369
AD-827 561
HYDRAULIC FLUIDS
HIGH-TEMPERATURE RESEARCH
STABILITY
FLAMMABILITY
ORGANIC COMPOUNDS
HYDRAULIC PRESSURE PUMPS
ELASTOMERS
ANALYSIS
SUPERSONIC TRANSPORTS
CAVITATION
SEALING COMPOUNDS
AIR FORCE

68 01154 NAT U
06-F
PITTSBURGH, UNIV. RESEARCH STAFF.
ARMY MATERIEL COMMAND, WASHINGTON, D. C.
AIRCRAFT NAVIGATION COMPUTER /ANAL./
INTERIM REPORT.
NO FOREIGN
JAN 1968, 16 P, ILLUS
DAAG-186-AMC-21477
AD-827 528
NAVIGATION COMPUTERS
AIRCRAFT
MAPS
AIRSPEED
TRANSDUCERS
BERNOLLE
DISPLAY SYSTEMS
POSITION FINDING
AND /AIRCRAFT NAVIGATION COMPUTER/

68 01155 NAT U
11
GENERAL PRECISION SYSTEMS, INC. KEARFOOT
SYSTEMS DIV., WAYNE, N. J.
RESEARCH AND TECHNOLOGY DIV. SYSTEMS
ENGINEERING GROUP, WRIGHT-PATTERSON AFB,
OHIO.
LORAN C/D RECEIVER.# VOLUME IV, FINAL
DEFINITION PHASE REPORT.
DOPPLER-INERTIAL-LORAN NAVIGATION
SYSTEM /U/.
NO FOREIGN
SEP 1967, 92 P, ILLUS, TABLES
AF33/615/67-C-1183
AD-827 074
NAVIGATION
LORAN EQUIPMENT
TRANSMITTER-RECEIVERS
ERRORS
DATA
SENSING ELEMENTS
DIGITAL COMPUTERS
NAVIGATION COMPUTERS
DOPPLER-INERTIAL-LORAN/
LORAN C/D RECEIVER
ACCURACY
MODE

68 01156 NAT U
12-A
SCHMITT, G. J., JR.
TATNALL, G. J.
FOULKE, K. W.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
JOINT AIR FORCE-NAVY SUPERSONIC RAIN
EROSION EVALUATIONS OF MATERIALS.#
GENERAL DISTRIBUTION
DEC 1967, 166 P, ILLUS, TABLES, 9 RFFS
AFML-TR-67-164
AD-826 428
SUPERSONIC PLANES
RAINFALL
EROSION
ANALYSIS
ROCKET-PROPELLED SLEDS
VELOCITY
CERAMIC MATERIALS
LAMINATES
PLASTICS
METALS
TRACKS /AERODYNAMICS/
EXPERIMENTAL DATA
AIR FORCE
NAVY
MORPH /MEAN DEPT OF PENETRATION RATE/
IMPACT ANGLE
RESISTANCE /NON-ELECTRICAL/

68 01157 NAT U
06-C
ROBECHAUX, W. G.
GRIFFEE, L. V.
COLLINS RADIO CO., DALLAS.
ARMY ELECTRONICS COMMAND,
FORT MONMOUTH, N. J.
VOR ROTON MODULATION ANTENNA STUDY.#
FINAL REPORT /16 SEPTEMBER 1967 TO 30
NOVEMBER 1967/.
NO FOREIGN
JAN 1968, 121 P, ILLUS, TABLES
DAAG-07-00-C-0004
FCOM-0004-F
AD-826 164
VOR /VOR OMNIDIRECTIONAL RADIO RANGE/
ANTENNAS
ROTARY WINGS
HELICOPTERS
MODELS /SIMULATION/
MODULATION
ELECTROMAGNETIC WAVES
ANALYSIS
OM-18 HELICOPTER
PATTERNS

68 01158 NAT U
06-J
FIONITTO, B. M.
TACTICAL AIR LIFT CENTER, POPE AFB, N. C.
TACTICAL AIR COMMAND, LANGLEY AFB, VA.
HONEYWELL RADAR ALTIMETER SYSTEM.#
FINAL REPORT.
GENERAL DISTRIBUTION
FEB 1968, 3 P
AD-826 088L
ALTIMETERS
RADAR
LOW ALTITUDE
DATA
TURBOPROPELLER JET ENGINES
TRANSPORT PLANES
FLIGHT TESTING
C-130E AIRCRAFT
LAPES

68 01159 NAT U
01-C
LINDBERG, G. M.
OLSON, M. D.
CANADA, NATIONAL RESEARCH COUNCIL, OTTAWA.
VIBRATION MODES AND RANDOM RESPONSE OF A
MULTI-BAY PANEL SYSTEM USING FINITE
ELEMENTS.#
GENERAL DISTRIBUTION
DEC 1967, 69 P, ILLUS, TABLES
NAC-NAE LX-492
N68-24282
PANELS /STRUCTURAL/
VIBRATION
POWER
FREQUENCY
RESPONSE
PSD /POWER SPECTRAL DENSITY/
PLATES
STRINGERS
MULTI-BAY

68 01160 NAT U
05-B
CROSLY, J. K.
BAILEY, R. W.
NIX, M. S., JR.
ARMY AEROMEDICAL RESEARCH UNIT, FORT
RUCKER, ALA.
ARMY MEDICAL RESEARCH AND DEVELOPMENT
COMMAND, WASHINGTON, D. C.
IMPROVING HELICOPTER CONSPICUITY THROUGH
THE USE OF PAINTED MAIN ROTOR BLADES.#
GENERAL DISTRIBUTION
OCT 1967, 9 P, 7 REFS
USAARU-RN-68-2
AD-861 067
HELICOPTERS
ROTOR BLADES /ROTARY WINGS/
PAINTS
COLOR VISION
PERCEPTION
VISIBILITY
AVIATION MEDICINE
UH-1D HELICOPTER

68 01161 NAT U
13-C
ROBERTS, M. J.
DEPARTMENT OF TRANSPORTATION, WASHINGTON,
D. C.
PITTSBURGH, UNIV. GRADUATE SCHOOL OF
BUSINESS.
INTERMODAL FREIGHT TRANSPORTATION
COORDINATION - PROBLEMS AND POTENTIAL.#
SUMMARY REPORT.
GENERAL DISTRIBUTION
DEC 1966, 16 P
PB-173 862
CARGO
TRANSPORTATION
RAILROADS
VEHICLES
COSTS
LAW
LABOR UNIONS
TECHNOLOGICAL INTELLIGENCE
INTERMODAL COORDINATION
TRUCKS
TOFC /TRAILER-ON-FLAT-CAR/

68 01162 NAT U
04-E
QUADE, D. A.
BOEING CO., WICHITA, KANSAS.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
NUMERICAL DATA.# VOLUME II, FINAL
REPORT /JUNE 1966 TO OCTOBER 1967/.
LOCATION OF ROUGH AREAS OF RUNWAYS FOR B-52
AIRCRAFT.
NO FOREIGN
MAR 1968, 304 P, ILLUS
AF33/615/-3822
AFFDL-TN-67-175
AD-832 595
RUNWAYS
SURFACE PROPERTIES
JET BOMBERS
EQUATIONS
MOTION
RESPONSE
NUMBERS
DATA
B-52 AIRCRAFT

68 01163 NAT U
04-E
QUADE, D. A.
BERNHART, W. D.
NELSON, M. D.
BOEING CO., WICHITA, KANSAS.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
MATHEMATICAL FORMULATION.# VOLUME I,
FINAL REPORT /JUNE 1966 TO OCTOBER 1967/.
LOCATION OF ROUGH AREAS OF RUNWAYS FOR B-52
AIRCRAFT.
NO FOREIGN
MAR 1968, 111 P, ILLUS, 3 REFS
AF33/615/-3822
AFFDL-TN-67-175
AD-832 652
RUNWAYS
SURFACE PROPERTIES
JET BOMBERS
DIGITAL COMPUTERS
PROGRAMMING /COMPUTERS/
NUMERICAL ANALYSIS
THEORY
DATA
DYNAMICS
RESPONSE
B-52 AIRCRAFT
COMPARATIVE STUDIES

68 01164 NAT U
02-H
JOECKEL, C. T.
KALATUCKA, S.
NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE,
PENNA.
PERFORMANCE EVALUATION OF COUNTER - DRUM
POINTER ALTIMETERS /MODIFIED COUNTER -
POINTER MC-2 AND MC-3 TYPES/.# FINAL
REPORT.
GENERAL DISTRIBUTION
APR 1968, 9 P
NADC-AM-6808
AD-830 336
ANALYSIS
OPERATION
EFFECTIVENESS
ALTIMETERS
MODIFICATION KITS
FLIGHT INSTRUMENTS
COUNTER-DRUM POINTER
MC-2 COUNTER-POINTER
MC-3 COUNTER-POINTER

68 01165 NAT U
06-1
LIANY, P.
GATES, D.
MCINNELL, J.
MOTOROLA, INC., CHICAGO.
AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON
AFB, OHIO.
LOW COST DIGITAL DATA COMMUNICATIONS
LINK.# FINAL TECHNICAL REPORT /JANUARY
1966 TO FEBRUARY 1968/.
NO FOREIGN
MAR 1968, 152 P, ILLUS, 8 REFS
AF33/6157-3442
AFAL-TR-68-52
AD-R20 RM3
COSTS
DIGITAL COMPUTERS
COMMUNICATION SYSTEMS
DATA LINK
AIR-TO-SURFACE
AIR TRAFFIC CONTROL SYSTEMS
AIRBORNE
COMPUTER LOGIC
COMMUNICATION EQUIPMENT
GROUND CONTROL CONSOLE

68 01166 NAT U
02-H
LAVI, R.
RUGERS, K. H.
HALL, G. R.
NORTHROP CORP. NORTHROP NORAIR DIV.,
MANTHURNE, CALIF.
AIR FORCE AERU PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
EXPERIMENTAL INVESTIGATIONS OF
GROUND-JET SUPPRESSION FENCES FOR VTOL
AIRCRAFT PREPARED SITES.# FINAL TECHNICAL
REPORT /DECEMBER 1966 TO DECEMBER 1967/.
NO FOREIGN
APR 1968, 132 P, ILLUS, TABLES, 7 REFS
F33A15-67-C-121H
NOR 67-276
AF APL-TR-68-3
A1-829 876
VERTICAL TAKE-OFF PLANES
EROSION
MODELS /SIMULATIONS/
PERIODIC MATERIALS
PARTICLES
JET ENGINE
EXHAUST
TANK-OUT
LOADING
TEST METHODS
PRESSURE
EXPERIMENTAL DATA
SITE COLLECTION
GROUND-JET
SUPPRESSION FENCE

68 01167 NAT U
06-E
ARMY STRATEGIC COMMUNICATIONS COMMAND, FORT
HUACHUCA, ARIZ.
INTRODUCTION TO SATELLITE COMMUNICATIONS.#
NO FOREIGN
FEB 1968, 54 P, ILLUS, TABLES
AD-830 471
COMMUNICATION SATELLITES /ACTIVE/
ORBITAL TRAJECTURES
TRACKING
ORBITAL TRAJECTORIES
SERVOMECHANISMS
MEASUREMENT
MODULATION
SIGNAL-TO-NOISE RATIO
ANTENNAS
TESTS
COMMUNICATION SYSTEMS

68 01168 NAT U
12-A
NORTH AMERICAN AVIATION, INC., LOS ANGELES.
AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO.
BASIC STRUCTURAL LOADS DATA FOR THE B-70
PROTOTYPE AIR VEHICLE SIX ENGINE TURBOJET
BOMBERS.#
NO FOREIGN
MAR 1968, 399 P, ILLUS
AF33/6007-42058
NA-61-859
AD-R30 166
DELTA WINGS
SUPERSONIC PLANES
MOMENTS
LOADING /MECHANICS/
DIGITAL COMPUTERS
DATA
AERODYNAMIC FORCES
ANALYSIS
MOMENTS
STABILIZERS /HORIZONTAL TAIL SURFACE/
STABILIZERS /VERTICAL TAIL SURFACE/
XB-70 AIRCRAFT

48 01169
12-A

NAT U

WRIGHT, V. C.
NORTH AMERICAN AVIATION, INC., LOS ANGELES.
AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO.
THERMODYNAMICS FLIGHT TEST INSTRUMENTATION
FOR THE MODEL XB-70 AIR VEHICLE.# NUMBER 11.
NO FOREIGN
JUL 1965, 137 P, ILLUS
AF33/600/-42058
AF33/657/-10232
NA-62-1439-1
AD-830 362
DELTA WINGS
SUPersonic PLANES
BOMBERS
FLIGHT TESTING
FLIGHT INSTRUMENTS
CONTROL SYSTEMS
ELECTRONIC EQUIPMENT
HYDRAULIC SYSTEMS
INDUCTION SYSTEMS
AIR
TEMPERATURE-WARNING SYSTEMS
THERMODYNAMICS
PRESSURE
XB-70 AIRCRAFT
ENVIRONMENT
CABIN

68 01170
12-A

NAT U

ELIAS, M. D.
NORTH AMERICAN AVIATION, INC., LOS ANGELES
AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO.
THERMODYNAMICS FLIGHT TEST INSTRUMENTATION
FOR THE MODEL XB-70A AIR VEHICLE.# NUMBER 1.
NO FOREIGN
JAN 1967, 75 P, ILLUS
AF33/657/-15871
NA-62-1439-2
AD-830 361
DELTA WINGS
SUPersonic PLANES
BOMBERS
THERMODYNAMICS
FLIGHT TESTING
FLIGHT INSTRUMENTS
CONTROL SYSTEMS
ELECTRONIC EQUIPMENT
HYDRAULIC SYSTEMS
INDUCTION SYSTEMS
AIR
TEMPERATURE-WARNING SYSTEMS
PRESSURE
AIRCRAFT CABINS
XB-70A AIRCRAFT
ENVIRONMENT
CABIN

68 01171
12-B

NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES.
AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO.
ANALYSIS OF EXTERNAL AERODYNAMIC EFFECT
OF INLET OPERATION ON THE XB-70 AT MACH
NUMBERS OF 1.2 TO 3.5 IN THE NORTH AMERICAN
AVIATION TRANSONIC WIND TUNNEL AND THE AMES
8 X 7 SUPersonic WIND TUNNEL.#
NO FOREIGN
JUN 1962, 109 P, ILLUS
AF33/600/-42058
NA-62-575
AD-830 363
DELTA WINGS
SUPersonic PLANES
BOMBERS
AERODYNAMIC FORCES
JET ENGINE INLETS
MACH NUMBER
WIND TUNNEL MODELS
PRESSURE
DATA
ANALYSIS
XB-70 AIRCRAFT

68 01172

NAT U

12-B
NORTH AMERICAN AVIATION, INC., LOS ANGELES.
AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO.
AERODYNAMIC EVALUATION OF THE XB-70 AIR
INDUCTION SYSTEM.#
NO FOREIGN
DEC 1960, 18 P, ILLUS
AF33/600/-18669
NA-60-1538
AD-830 359
DELTA WINGS
SUPersonic PLANES
AERODYNAMIC CHARACTERISTICS
ANALYSIS
BOUNDARY LAYER CONTROL SYSTEMS
DESIGN
AIR
INDUCTION SYSTEMS
BOMBERS
JET ENGINE INLETS
WIND TUNNEL MODELS
DATA
XB-70 AIRCRAFT
AIR INDUCTION

68 01173

NAT U

01-A
MENDRIX, G. D.
GODWIN, U. D.
FRAZIER, F. D.
DUNNIN, R. E.
AEROSPACE RESEARCH PILOT SCHOOL, EDWARDS
AFB, CALIF.
PERFORMANCE FLIGHT TESTING THEORY.#
GENERAL DISTRIBUTION
1961, 50 P, ILLUS
AD-609 489
FLIGHT TESTING
OPERATION
EFFECTIVENESS
ATMOSPHERE
FLIGHT INSTRUMENTS
PILOT TUBE
EQUATIONS
THEORY
TAKE-OFF
LANDING
FUELS
FLUID FLOW
NON-STEADY STATE
STEADY STATE
TURNING

68 01174
02-A
GOWIN, D. U.
FRAZIER, F. D.
MIRNIN, R. E.
AFROSPACE RESEARCH PILOT SCHOOL, EDWARDS
AFB, CALIF.
PERFORMANCE FLIGHT TEST TECHNIQUES.#
GENERAL DISTRIBUTION
1964, 25 P, ILLUS
AD-613 504
FLIGHT TESTING
OPERATION
EFFECTIVENESS
HANDBOOKS
PILOTS
CALIBRATION
TECHNIQUES
DATA
REDUCTION
CLIMBING
CRUISING
TAKE-OFF
LANDING
TURNING

NAT U

68 01175
02-A
BULMOVITOV, V. F.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
DEVELOPMENT OF AIRCRAFT.# TRANSLATED FROM
RUSSIAN.
GENERAL DISTRIBUTION
AUG 1964, 159 P, ILLUS
FTD-MT-64-150
AD-606 242
AIRCRAFT
HISTORY
ANALYSIS
TECHNOLOGICAL INTELLIGENCE
STANDARDS
VELOCITY
WARFARE
EFFECTIVENESS
PRODUCTION
ROCKETS
AERONAUTICS
DEVELOPMENT
COMPARATIVE STUDIES

NAT U

68 01176
02-G
SETU, E. I.
BARRINI, W. J.
HOWAKER, J. S.
AIR FORCE FLIGHT TEST CENTER, EDWARDS
AFB, CALIF.
CATEGORY II PERFORMANCE TEST ON THE CH-3C
HELICOPTER.# FINAL REPORT.
NO FOREIGN
MAR 1966, 209 P, ILLUS, 3 REFS
FTC-TR-65-39
AD-679 625
FLIGHT TESTING
OPERATION
EFFECTIVENESS
HELICOPTERS
TURBINES
HELICOPTER ENGINES
AMPHIBIAN PLANES
TEST METHODS
ANALYSIS
CH-3C HELICOPTER
TS 8-GE-1 ENGINE

NAT U

68 01177
12-G
BLUME /JOHN A./ AND ASSOCIATES RESEARCH DIV.,
SAN FRANCISCO.
FEDERAL AVIATION AGENCY, OFFICE OF SUPERSONIC
TRANSPORT DEVELOPMENT, WASHINGTON, D. C.
THE EFFECTS OF SONIC BOOM ON STRUCTURAL
BEHAVIOR.# FINAL REPORT.
GENERAL DISTRIBUTION
OCT 1965, 192 P, ILLUS, TABLES, 4 REFS
FA 55-65-12
SST-R-65-18
AD-475 662
SONIC BOOM
AIRFRAMES
RESPONSE
DAMAGE
STATISTICAL ANALYSIS
MATHEMATICAL PREDICTION
TEST FACILITIES
SHOCK WAVES
INTENSITY

R NAT U

68 01178
07-A
GRIGGS, T.
RILSON, P. J.
EDUCATIONAL RESEARCH CORP., CAMBRIDGE, MASS.
CIVIL AERONAUTICS ADMINISTRATION, WASHINGTON,
D. C.
INTERNATIONAL LANGUAGE FOR AVIATION -
INSTRUMENT FLIGHT.#
GENERAL DISTRIBUTION
JAN 1953, 173 P, ILLUS
CCA-29581
INSTRUMENT FLIGHT
TRANSOCEANIC
LANGUAGE
STANDARDIZATION
CODING
THEORY
VOCABULARY
ILA /INTERNATIONAL LANGUAGE FOR AVIATION/

NAT U

68 01179
02-I
COLE, W. L.
FLIGHT SAFETY FOUNDATION, INC., NEW YORK.
FEDERAL AVIATION ADMINISTRATION, FLIGHT
STANDARDS SERVICE, WASHINGTON, D. C.
GENERAL AVIATION PILOT EDUCATION PROGRAM.#
FINAL REPORT.
GENERAL DISTRIBUTION
NOV 1966, 120 P
FA65WA-1350
FAA-FS-67-1
AD-671 083
GENERAL AVIATION AIRCRAFT
PILOTS
EDUCATION
AVIATION ACCIDENTS
SAFETY
MAINTENANCE
SYNOPSIS
STATISTICAL DATA
GAPE /GENERAL AVIATION PILOT EDUCATION/

R NAT U

68 01180 R NAT U
 07-F
 SEMPLE, C. A.
 STEWART, S. B.
 BARNEBEY, S. F.
 NICHOLS, D. E.
 BUNKER-RAMO CORP., CANOGA PARK, CALIF.
 FEDERAL AVIATION ADMINISTRATION, SYSTEMS
 RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
 D. C.
 EFFECTS OF FAILURE TYPE, FAILURE ALTITUDE
 AND AN EXPERIMENTAL PITCH TRIM AUGMENTATION
 UPON MANDATORY GO-AROUND PERFORMANCE.#
 PHASE IV, FINAL REPORT.
 GENERAL DISTRIBUTION
 FEB 1968, 47 P, ILLUS
 FA67NA-1700
 PROJ-320-212-09N
 RD-68-122
 AD-671 893
 FLIGHT SIMULATORS
 INSTRUMENT LANDINGS
 OPERATION
 EFFECTIVENESS
 CONTROL SYSTEMS
 DISPLAY SYSTEMS
 MALFUNCTIONS
 ALTITUDE
 PITCH /NOTION/
 TRIM
 AUTOMATIC PILOTS
 PILOTS
 ALL-WEATHER AVIATION
 COMPARATIVE STUDIES

68 01181 R NAT U
 06-J
 HERGET, W. F.
 FEDERAL AVIATION ADMINISTRATION, NATIONAL
 AVIATION FACILITIES EXPERIMENTAL CENTER,
 ATLANTIC CITY.
 INVESTIGATION AND EVALUATION OF ASR/ARSR
 PERFORMANCE MONITOR.# FINAL REPORT.
 GENERAL DISTRIBUTION
 APR 1968, 13 P, ILLUS
 FAA-NA-68-8
 AD-670 995
 SEARCH RADAR
 ANALYSIS
 MONITORS
 EXPERIMENTAL DATA
 FEDERAL AVIATION ADMINISTRATION
 TEST EQUIPMENT /ELECTRONICS/
 TEST SETS
 FA-5170 RPA /RADAR PERFORMANCE ANALYZER/

68 01182 R NAT U
 07-F
 VREULS, D.
 BROWN, J. E.
 BARNEBEY, S. F.
 NICHOLS, D. E.
 BUNKER-RAMO CORP., CANOGA PARK, CALIF.
 FEDERAL AVIATION ADMINISTRATION, SYSTEMS
 RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
 D. C.
 EVALUATION OF FLIGHT DIRECTOR ELEMENTS-
 RISING RUNWAY, EXPANDED LOCALIZER, AND ROLL-OUT
 STEERING-DURING SIMULATED CATEGORY III-C
 MANUAL AND SPLIT-AXIS LANDINGS.# PHASE II.
 FINAL REPORT.
 GENERAL DISTRIBUTION
 FEB 1968, 81 P, ILLUS
 FA67NA-1700
 PROJ-320-212-09N
 RD-68-10
 AD-672 968
 FLIGHT SIMULATORS
 RUNWAYS
 LOCALIZERS
 INSTRUMENT LANDINGS
 PILOTS
 ALL-WEATHER AVIATION
 OPERATION
 EFFECTIVENESS
 CONTROL
 FLARES
 SUBSONIC FLIGHT
 JET TRANSPORT PLANES
 STATISTICAL ANALYSIS

68 01183 R NAT U
 02-I
 DOMMASCH, D. O.
 LAUDMAN, C. W.
 DODCO, INC., BLANENBURG, N. J.
 FEDERAL AVIATION ADMINISTRATION, AIRCRAFT
 DEVELOPMENT SERVICE, WASHINGTON, D. C.
 STUDIES CONDUCTED TO DETERMINE THE
 INFLUENCE OF ADVERSE SLOW FLIGHT RESPONSE
 CHARACTERISTICS ON FLIGHT SAFETY.#
 TECHNICAL REPORT.
 GENERAL DISTRIBUTION
 APR 1968, 140 P, ILLUS, 12 REFS.
 FA WA-4293
 FAA-ADS-76
 FLIGHT
 SAFETY
 RESPONSE
 PILOTS
 ERRORS
 CONTROL
 FLIGHT PATHS
 DIGITAL COMPUTERS
 PROGRAMMING /COMPUTERS/
 SIMULATION
 MATHEMATICAL ANALYSIS
 GENERAL AVIATION AIRCRAFT
 EQUATIONS
 SLOW FLIGHT

68 01184 R NAT U
07-F
VREULI, D.
BARNEY, S. F.
NICHOLS, D. E.
DENT, P. L.
BUNKER-RAND CORP., CANOGA PARK, CALIF.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
D. C.

PILOT FAILURE DETECTION PERFORMANCE WITH
THREE LEVELS OF FAULT WARNING INFORMATION.#
PHASE I, FINAL REPORT.
GENERAL DISTRIBUTION
FEB 1968, 109 P, ILLUS, TABLES
FA67WA-1700
PROJ-320-212-09N
SND5-PD-68-4
AD-671 892
PILOTS
DETECTION
MALFUNCTIONS
WARNING SYSTEMS
AUTOMATIC PILOTS
DISPLAY SYSTEMS
FLIGHT SIMULATORS
INSTRUMENT LANDINGS
CONTROL
ALTITUDE
SUBSONIC FLIGHT
JET TRANSPORT PLANES
STATISTICAL ANALYSIS
ALL-WEATHER AVIATION

68 01185 R NAT U
06-C
SCAVULLO, J. J.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
AN EXPERIMENTAL TEST OF DATA TRANSFER BY
VHF TO AIRCRAFT OVER THE OCEAN IN A
TROPOSPHERIC PROPAGATION ENVIRONMENT.#
INTERIM REPORT.
GENERAL DISTRIBUTION
JUN 1968, 46 P, 9 ILLUS
NA-68-10
AD-671 057
VERY HIGH FREQUENCY
ANTENNA RADIATION PATTERNS
DATA TRANSMISSION SYSTEMS
TROPOSPHERE
PROPAGATION
PHASE MODULATION
TEST METHODS
DATA
TRANSCEIVER
AIRCRAFT
FEDERAL AVIATION ADMINISTRATION
TROPOSCATTER ANTENNAS

68 01186 R NAT U
06-A
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
INTERNATIONAL AVIATION AFFAIRS, REGIONAL
AVIATION ASSISTANCE GROUP, REPUBLIC OF PANAMA.
DOMINICAN REPUBLIC FIELD STUDY.#
GENERAL DISTRIBUTION
JUN 1967, 57 P
AIRPORTS
DESIGN
LAW
CIVIL AVIATION
LOCAL / INTERNATIONAL CIVIL AVIATION
ORGANIZATION/
PUNTA CANA AIRPORT
DOMINICAN REPUBLIC

68 01187 R NAT U
08-E
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
INTERNATIONAL AVIATION AFFAIRS, REGIONAL
AVIATION ASSISTANCE GROUP, REPUBLIC OF PANAMA.
BRAZIL FLIGHT INSPECTION STUDY.#
GENERAL DISTRIBUTION
APR 1967, 20 P
FLIGHT
QUALITY CONTROL
ANALYSIS
BRAZIL
CONCLUSIONS
RECOMMENDATIONS

68 01189 NAT U
10-A
ROCKVILLE, MD.
WEATHER BUREAU, WASHINGTON, D. C.
PRELIMINARY STUDY FOR THE NATIONAL
METEOROLOGICAL SERVICE.# FINAL REPORT.
GENERAL DISTRIBUTION
MAY 1963, 130 P
METEOROLGY
SYSTEMS ENGINEERING
PERSONNEL MANAGEMENT
DESIGN
ANALYSIS
DATA
DATA PROCESSING SYSTEMS
CONTROL
COMMUNICATION SYSTEMS
CLIMATOLOGY
NMSS / NATIONAL METEOROLOGICAL SERVICE SYSTEM/
METHODOLOGY
SUBSYSTEM

68 01190 NAT U
08-D
JANNING, E. A.
DAYTON UNIV., OHIO, RESEARCH INST.
ESTABLISHMENT OF A COORDINATE INDEXING
RETRIEVAL SYSTEM FOR THE AIR FORCE MATERIALS
LABORATORY.#
GENERAL DISTRIBUTION
NOV 1963, 70 P
AD-628 423
INDEXES
INFORMATION RETRIEVAL
LIBRARIES
COMPUTERS
DICTIONARIES
MACHINES
ANALYSIS
MANUAL
SEARCHES
THESES

68 01191 NAT U
06-J
BARN, A.
STANFORD UNIV., CALIF., STANFORD ELECTRONICS
LABS.
PSEUDORANDOM FREQUENCY MODULATION IN
ANGLE-DOPPLER RADAR.# TECHNICAL SCIENTIFIC
REPORT.
GOVERNMENT AGENCIES ONLY
MAY 1968, 70 P, ILLUS, 20 REFS
NASA NSG-877
MONA-2, 5/83/ NK 373 543
SU-SEL-68-046
S-M-25
TR-3606-4
AD-636 766
FREQUENCY MODULATION
DOPPLER RADAR
RANGES / DISTANCE /
RADAR SIGNALS
RADIO ASTRONOMY
PSEUDORANDOM SEQUENCES

68 01192 R NAT U
02-E
SMITH, M. R.
PATRICK, J. D.
MISSISSIPPI STATE UNIV., STATE COLLEGE.
AEROPHYSICS DEPT.
FEDERAL AVIATION AGENCY, AIRCRAFT DEVELOPMENT
SERVICE, WASHINGTON, D. C.
EVALUATION OF THE PIPER PA-25B AGRICULTURAL
AIRCRAFT.#
GENERAL DISTRIBUTION
NOV 1966, 68 P, ILLUS, 2 REFS
FAA/DWA-1027
PROJ-570-003-01H
FAA-AOS-85
AD-671 081
ANALYSIS
AGRICULTURE
GENERAL AVIATION AIRCRAFT
FLIGHT TESTING
SAFETY
OPERATION
EFFECTIVENESS
DATA
AERODYNAMIC CHARACTERISTICS
PIPER PA-25B AIRCRAFT
DISPERSAL SYSTEMS

68 01193 R NAT U
02-D
SMITH, M. R.
WILLIAMSON, R. C.
GARRETT, A. J.
MISSISSIPPI STATE UNIV., STATE COLLEGE.
AEROPHYSICS DEPT.
FEDERAL AVIATION ADMINISTRATION, AIRCRAFT
DEVELOPMENT SERVICE, WASHINGTON, D. C.
DEVELOPMENT OF AN ENGINE-POWERED LIQUID
DISPERSAL SYSTEM FOR AGRICULTURAL AIRCRAFT.#
GENERAL DISTRIBUTION
JAN 1968, 50 P, ILLUS, 7 REFS
FAA/DWA-1531
PROJ-570-003-01H
DS-68-3
AD-671 891
AGRICULTURE
GENERAL AVIATION AIRCRAFT
FLIGHT TESTING
DESIGN
SPRAYS
PUMPS
MOTOR GENERATORS
DISPERSAL SYSTEMS
ENGINES

68 01194 R NAT U
02-E
SMITH, M. R.
PATRICK, J. D.
MISSISSIPPI STATE UNIV., STATE COLLEGE.
AEROPHYSICS DEPT.
FEDERAL AVIATION AGENCY, AIRCRAFT DEVELOPMENT
SERVICE, WASHINGTON, D. C.
EVALUATION OF THE CALLAIR A-9 AGRICULTURAL
AIRCRAFT.# TECHNICAL REPORT.
GENERAL DISTRIBUTION
NOV 1966, 66 P, ILLUS, 2 REFS
FAA/DWA-1027
PROJ-570-003-01H
FAA-AOS-86
AD-671 079
AGRICULTURE
GENERAL AVIATION AIRCRAFT
ANALYSIS
FEDERAL AVIATION ADMINISTRATION
FLIGHT TESTING
SAFETY
OPERATION
DATA
AERODYNAMIC CHARACTERISTICS
EFFECTIVENESS
CALLAIR A-9 AIRCRAFT
DISPERSAL SYSTEMS

68 01195 R NAT U
02-E
SMITH, M. R.
PATRICK, J. D.
MISSISSIPPI STATE UNIV., STATE COLLEGE.
AEROPHYSICS DEPT.
FEDERAL AVIATION AGENCY, AIRCRAFT DEVELOPMENT
SERVICE, WASHINGTON, D. C.
EVALUATION OF THE SNOW-S-20A AGRICULTURAL
AIRCRAFT.# FINAL TECHNICAL REPORT.
GENERAL DISTRIBUTION
NOV 1966, 58 P, ILLUS, 1 REF
FAA/DWA-1027
PROJ-570-003-01H
FAA-AOS-87
AD-671 081
ANALYSIS
AGRICULTURE
GENERAL AVIATION AIRCRAFT
FLIGHT TESTING
SAFETY
OPERATION
EFFECTIVENESS
DATA
AERODYNAMIC CHARACTERISTICS
SNOW-S-20A AIRCRAFT
DISPERSAL SYSTEMS

68 01196 R NAT U
02-E
SMITH, M. R.
PATRICK, J. D.
MISSISSIPPI STATE UNIV., STATE COLLEGE.
AEROPHYSICS DEPT.
FEDERAL AVIATION AGENCY, AIRCRAFT DEVELOPMENT
SERVICE, WASHINGTON, D. C.
EVALUATION OF THE GRUMMAN AG-CAT AGRICULTURAL
AIRCRAFT.# FINAL TECHNICAL REPORT.
GENERAL DISTRIBUTION
NOV 1966, 51 P, ILLUS, 1 REF
FAA/DWA-1531
PROJ-570-003-01H
FAA-AOS-88
AD-671 082
ANALYSIS
AGRICULTURE
GENERAL AVIATION AIRCRAFT
FLIGHT TESTING
SAFETY
OPERATION
EFFECTIVENESS
DATA
AERODYNAMIC CHARACTERISTICS
GRUMMAN AG-CAT AIRCRAFT
DISPERSAL SYSTEMS

68 01197 R NAT U
03-D
MARTIN, D. A.
WILLETT, F. M., JR.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
DEVELOPMENT AND APPLICATION OF A TERMINAL
SPACING SYSTEM.# FINAL REPORT.
GENERAL DISTRIBUTION
AUG 1966, 53 P, ILLUS
FA-68-25
AD-671 262
FEDERAL AVIATION ADMINISTRATION
AIR TRAFFIC CONTROL SYSTEMS
DIGITAL COMPUTERS
APPROACH
AUTOMATIC
FLIGHT TESTING
MODEL TESTS
SPACING

68 0119J R NAT U
10-A
HOCHREITER, F. C.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
D. C.
WEATHER BUREAU, ATLANTIC CITY.
DEVELOPMENT OF TRANSMISSOMETER CALIBRATION
TECHNIQUES AND DEVICES.# PHASE I, INTERIM
REPORT.
GENERAL DISTRIBUTION
FEH 1968, 44 P, ILLUS, 9 REFS
SRDS-RD-68-7
AD-673 263
METEOROLOGICAL INSTRUMENTS
CALIBRATION
VISIBILITY
TEST METHODS
TRANSMISSOMETER

68 0119H R NAT U
06-C
WOODWARD, R. H.
SPEARS, M. F.
AMMOSSEN, R.
DAVIDSON, D.
PICKARD AND BURNS ELECTRONICS, WALTHAM, MASS.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
D. C.
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR OMEGA.#
GENERAL DISTRIBUTION
APR 1967, 35 P
FAA-SWA-1298
PROJ-4473
VERY LOW FREQUENCY
RADIO NAVIGATION
HYPERBOLIC NAVIGATION
ELECTROSTATIC PRECIPITATION
PHASE MEASUREMENT
DATA
ANALYSIS
FLIGHT TESTING
TRANSPORT PLANES
NOISE / RADIO
OL-68 AIRCRAFT
AMPLITUDE MEASUREMENT
GROUND-TESTS

68 01200 R NAT U
11
ARNIE RESEARCH CORP., ANNAPOLIS, MD.
UNITED AIR LINES, INC., ELK GROVE TOWNSHIP,
ILL.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
D. C.
JET FLIGHT EVALUATION OF INERTIAL
NAVIGATION OPERATIONS.# VOLUME II.
GENERAL DISTRIBUTION
JUL 1968, 127 P
FAA-SWA-1723
PROJ-450 101-038
AD-68-16
FLIGHT TESTING
DATA
INERTIAL NAVIGATION
AIR CARRIERS
ANALYSIS
MAGNETIC TAPE
INPUT-OUTPUT DEVICES
INS / INERTIAL NAVIGATION SYSTEM/
COMPUTER PRINT-OUTS

68 01201 R NAT U
03-F
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
MANAGEMENT SYSTEMS, WASHINGTON, D. C.
SCHEDULED INTERNATIONAL AIR CARRIER FLIGHT
ACTIVITY.#
GENERAL DISTRIBUTION
MAY 1967, 16 P, ILLUS
AD-673 260
AIR CARRIERS
AIR TRAFFIC
SCHEDULING
FEDERAL AVIATION ADMINISTRATION
VOLUME
TRANSOCEANIC
JET PLANES
TURBOPROPELLER JET ENGINES
PISTONS
HELICOPTERS
AIRBORNE
COMMUNITY PATHS
AIRLINE
COMPARATIVE STUDIES

68 01202 R NAT U
03-F
ARCON CORP., WAKEFIELD, MASS.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
D. C.
STUDY OF FUTURE OCEANIC AVIATION SUPPORT
SYSTEMS.# FINAL REPORT.
GENERAL DISTRIBUTION
MAY 1968, 246 P, TABLES, 44 REFS
FAA-SWA-1680
PROJ-197-622-02R
SRDS-RD-68-23
AD-673 326
AIR TRAFFIC CONTROL SYSTEMS
TRANSOCEANIC
SUBSONIC FLIGHT
MATHEMATICAL ANALYSIS
AIR ROUTES
COSTS
EFFECTIVENESS
CONFIGURATION
SUPERSONIC FLIGHT
COMMUNICATION SYSTEMS
NORTH ATLANTIC

68 01203 NAT U
10-A
MILLER, R. G.
TRAVELEX RESEARCH CENTER, INC., HARTFORD.
AN APPLICATION OF MULTIPLE DISCRIMINANT
ANALYSIS TO THE PROBABILISTIC PREDICTION OF
METEOROLOGICAL CONDITIONS AFFECTING
OPERATIONAL DECISIONS.#
GENERAL DISTRIBUTION
MAR 1961, 138 P, ILLUS
AF/6357-14459
METEOROLOGY
STATISTICAL ANALYSIS
ALGEBRA
CEILING
ATMOSPHERIC PRECIPITATION
MULTIPLE DISCRIMINANT ANALYSIS

68 01204 NAT U
12-G
RUMYAN, M. L.
MAGLIERI, D. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
SONIC BOOM - ITS SIGNATURE
CHARACTERISTICS.#
MINUTES OF THE NINTH EXPLOSIVES SAFETY
SEMINAR, NAVAL TRAINING CENTER, SAN DIEGO,
CALIFORNIA, AUGUST 15, 16 AND 17, 1967.
NO FOREIGN
AUG 1967, 19 P, ILLUS, TABLES
AD-827 753
SONIC BOOM
AIRCRAFT
CONFIGURATION
AIRSPEED
OVERFLIGHT
PRESSURE
ATMOSPHERIC MOTION
TEMPERATURE
TERRAIN
ALTITUDE
ACCELERATION
MACH NUMBER
SIGNATURE

68 01205 NAT U
05-H
HIXSON, W. C.
NIVEN, J. I.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER,
ALA.
INSTRUMENTATION FOR MEASUREMENT OF
VESTIBULAR-SIGNIFICANT FORCES IN HELICOPTERS.#
GENERAL DISTRIBUTION
MAY 1968, 12 P, ILLUS, 2 REFS
NAMI-1043
USAAU-SN-68-10
AD-670 230
HELICOPTERS
AIRBORNE
TEST EQUIPMENT /ELECTRONICS/
AVIATION MEDICINE
VESTIBULAR APPARATUS
LINEAR SYSTEMS
ACCELERATION
PILOTS
VELOCITY
TRIAXIAL
ANGULAR VELOCITY
DISORIENTATION

68 01206 NAT U
05-F
TANG, P. C.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER,
ALA.
ENVIRONMENTAL FACTORS AFFECTING THE
PERFORMANCE OF INFRARED CO2 ANALYZER AND THE
ESTIMATION OF ALVEOLAR CO2 TENSION.#
GENERAL DISTRIBUTION
MAY 1968, 24 P, 14 REFS
NAMI-1034
USAAU-SN-68-8
AD-669 458
AVIATION MEDICINE
CARBON DIOXIDE
INFRARED EQUIPMENT
GAS ANALYSIS
EQUATIONS
TEMPERATURE
BAROMETRIC PRESSURE
THERMISTORS
EXPERIMENTAL DATA
ALVEOLAR TENSION
AMBIENT TEMPERATURE

68 01207 NAT U
05-B
HIXSON, W. C.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER,
ALA.
A TRIAXIAL ACCELEROMETER MODULE FOR
VESTIBULAR APPLICATION.#
GENERAL DISTRIBUTION
MAY 1968, 12 P, ILLUS, 1 REF
NASA R-93
NAMI-1040
USAAU-SN-68-9
AD-670 231
AVIATION MEDICINE
LINEAR SYSTEMS
ACCELERATION
ACCELEROMETERS
VESTIBULAR APPARATUS
TRANSDUCERS
TAN /TRIAXIAL ACCELEROMETER MODULE/
ANGULAR ACCELERATION

68 01208 NAT U
05-E
GRAYBIEL, A.
THOMPSON, A. B.
DEANE, F. R.
FREGLY, A. R.
COLEHOUR, J. K.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
TRANSFER OF HABITATION OF MOTION SICKNESS
ON CHANGE IN BODY POSITION BETWEEN VERTICAL
AND HORIZONTAL IN A ROTATING ENVIRONMENT.#
GENERAL DISTRIBUTION
FEB 1968, 33 P, ILLUS, 26 REFS
NASA R-93
NAMI-1029
AD-670 003
AVIATION MEDICINE
MOTION SICKNESS
ADAPTATION /PHYSIOLOGY/
ENVIRONMENTAL TESTS
ROTATION
BIOCHEMISTRY
PHYSIOLOGY
POSTURE
SRA /SLOW ROTATION ROOM/
ATAXIA
POSTURAL EQUILIBRIUM

68 01209 NAT U
05-I
WATERS, L. K.
NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
STABILITY OF EDWARDS PERSONAL PREFERENCE
SCHEDULE NEED SCALE SCORES AND PROFILES OVER
A SEVEN-WEEK INTERVAL.#
GENERAL DISTRIBUTION
OCT 1967, 6 P, 5 REFS
NAMI-1019
AD-669 798
PSYCHOMETRICS
STATISTICAL FUNCTIONS
AVIATION MEDICINE
EPSS /EDWARDS PERSONAL PREFERENCE SCHEDULE/

68 01210 NAT U
09-8
MUNTING, K. R.
DORR, A. M.
MUGNIN, S.
JUL 77, A.
AMERICAN OIL CO. DEPT. OF RESEARCH AND
DEVELOPMENT, WHITING, IND.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
HIGH TEMPERATURE THERMALLY STABLE
GLASSES. # ANNUAL REPORT /1 FEBRUARY 1967 TO
1 FEBRUARY 1968/.
OFFICIAL USE ONLY
APR 1968, 33 P, ILLUS, 7 REFS
AF33/615/-2417
AFML-TR-66-159, PART III
AD-832 268L
HIGH-TEMPERATURE RESEARCH
GLASSES
ASHISTUS
SILICINES
HEATINGUS
WAVE FATH COMPOUNDS
IN-FAH SPECTROSCOPY
IN-FAH PRESSURE RESEARCH
IN-FAH POLYMERS

68 01211 NAT U
02-J
SCHINDLING, S.
NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE,
PENNA.
THE STANDARD AND PHOTOGRAPHIC METHOD FOR
DETERMINING AIRPLANE BEHAVIOR AND PILOTING
TECHNIQUE DURING FIELD OR CARRIER LANDINGS. #
FINAL REPORT.
NO FOREIGN
JAN 1968, 121 P, ILLUS
R-NAAC-ST-6706
AD-831 884
CARRIER LANDINGS
LANDING FIELDS
PHOTOGRAPHIC ANALYSIS
ERRORS
MOTION-PICTURE CAMERAS
MATHEMATICAL ANALYSIS
DATA
ASD /AERO STRUCTURES DEPARTMENT/
COMPARATIVE STUDIES

68 01212 NAT U
09-0
FRANK, L. M.
KURIAK, E. J.
GENERAL AMERICAN TRANSPORTATION CORP., NILES,
ILL.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
NONDESTRUCTIVE METHODS DEVELOPMENT FOR THE
EVALUATION OF THIN AND ULTRATHIN SHEET
MATERIALS. # FINAL REPORT /16 JULY 1966 TO
15 JUNE 1967/.
NO FOREIGN
JUL 1967, 87 P, ILLUS, 2 REFS
AF33/615/-3567
AFML-TR-67-276
AD-832 035
NON-DESTRUCTIVE TESTING
SHEETS
ELECTROMAGNETIC WAVES
MICROWAVES
DIGITAL COMPUTERS
PROGRAMMING /COMPUTERS/
PROPAGATION
FM LAMB WAVE SYSTEM
THIN SHEET MATERIALS
MODIFICATION

68 01213 NAT U
02-E
AUTOMETICS, ANAHEIM, CALIF.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
TRISAFE/SIDAC CONTROL AUGMENTATION SYSTEM. #
FINAL REPORT.
NO FOREIGN
OCT 1967, 408 P, ILLUS, 21 REFS
AF33/615/-2405
AFFDL-TR-67-173
C7-2657/JUL
AD-831 640
FLIGHT CONTROL SYSTEMS
ADAPTIVE CONTROL SYSTEMS
REDUNDANT COMPONENTS
CIRCUITS
YAW
PITCH /MOTION/
TRISAFE /TRIPLE REDUNDANCY INCORPORATING
SELF-ADAPTIVE FAILURE EXCLUSION/
SIDAC /SPACE AND INFORMATION SYSTEMS
DIVISION ADAPTIVE CONTROL/
C# CRITERION

68 01214 NAT U
01-C
KURTZE, G., DR.
MECHEL, F., DR.
GRUNZHEIG AND MARTMANN A. G., LUDWIGSHAFEN AM
RHEIN, WEST GERMANY.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
AN INVESTIGATION OF A WIDE BAND NOISE
GENERATOR. # FINAL REPORT.
GENERAL DISTRIBUTION
MAR 1968, 29 P, ILLUS, 15 REFS
AF61/052/-779
AF61/052/-931
AFFDL-TR-67-88
AD-668 132
NOISE GENERATORS
BROADBAND
SHOCK WAVES
ACOUSTICS
MECHANICS
POWER
DESIGN
ROTOR ARM
DISPLACEMENT BODY

68 01215 NAT U
09-6
MASON, W. P.
WOOD, W. A.
COLUMBIA UNIV., NEW YORK. SCHOOL OF
ENGINEERING.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
NOTE ON FATIGUE MECHANISM IN FCC METALS
AT ULTRASONIC FREQUENCIES. # TECHNICAL REPORT.
OFFICIAL USE ONLY
MAR 1968, 15 P, ILLUS, 5 REFS
NONR266/91/
PROJ-NR-064-470
CU-TR-59
AD-668 449
FATIGUE /MECHANICS/
METALS
ULTRASONIC RADIATION
COPPER
BRASS
MICROSTRUCTURE
TEMPERATURE

68 01216 NAT U
02-1
VALOF, S.
WHITTAKER CORP. NAMCO RESEARCH AND
DEVELOPMENT DIV., SAN DIEGO, CALIF.
AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
FIBERCELL OVERHEAT HAZARD DETECTION
SYSTEM.# FINAL TECHNICAL REPORT /MARCH 1967
TO FEBRUARY 1968/.
GENERAL DISTRIBUTION
MAY 1968, 66 P, ILLUS, 9 REFS
F33615-67-C-1013
AFAPL-TR-68-44
AD-669 382
SENSING ELEMENTS
HAZARDS
HIGH-TEMPERATURE RESEARCH
ELECTRIC POWER PRODUCTION
AIRBORNE
CFRANIC FIBERS
ELECTROLYTES
WARNING SYSTEMS
TEST METHODS
FIBERCELL
SELF-GENERATING

68 01217 NAT U
06-F
DEPUTY FOR COMMUNICATION SYSTEMS. ELECTRONIC
SYSTEMS DIV., L. G. HANSCOM FIELD, BEDFORD,
MASS.
FACILITY IMPLEMENTATION TEST METHODS FOR
THE WIDEBAND TRANSMISSION SUBSYSTEM.#
VOLUME I.
COMMUNICATIONS ELECTRONICS FACILITY AND
SYSTEM IMPLEMENTATION TEST METHODS.
NO FOREIGN
SEP 1966, 35 P, ILLUS
F19628-67C-0003
ESD-TR-66-263, VOL. I
AD-829 861
COMMUNICATION SYSTEMS
TEST METHODS
BROADBAND
TRANSMISSION LINES
ALTERNATING CURRENT
POWER
ANTENNAS
WAVEGUIDES
RADIO FREQUENCY
TRANSMITTER-RECEIVERS
VOICE COMMUNICATION SYSTEMS
TELEGRAPH EQUIPMENT
TEST EQUIPMENT /ELECTRONICS/
MULTIPLEX

68 01218 NAT U
06-E
DEPUTY FOR COMMUNICATION SYSTEMS. ELECTRONIC
SYSTEMS DIV., L. G. HANSCOM FIELD, BEDFORD,
MASS.
SYSTEM IMPLEMENTATION TEST METHODS FOR THE
WIDEBAND TRANSMISSION SUBSYSTEM.# VOLUME II.
COMMUNICATIONS ELECTRONICS FACILITY AND SYSTEM
IMPLEMENTATION TEST METHODS.
NO FOREIGN
SEP 1966, 30 P, ILLUS
F19628-67C-0003
ESD-TR-66-263, VOL. II
AD-829 862
COMMUNICATION SYSTEMS
TEST METHODS
BROADBAND
TRANSMISSION LINES
RADIO FREQUENCY
TELEGRAPH EQUIPMENT
VOICE COMMUNICATION SYSTEMS
ELECTRIC CABLES
CONTROL SYSTEMS
MONITORS
RELIABILITY
TEST EQUIPMENT /ELECTRONICS/

68 01219 NAT U
06-C
KEIGO, I.
HARVARD UNIV., CAMBRIDGE, MASS. CRUFT LAB.
AIR FORCE CAMBRIDGE RESEARCH LABS., L. G.
HANSCOM FIELD, BEDFORD, MASS.
A METHOD OF OBTAINING THE IMPEDANCE OF AN
ANTENNA IN A DISSIPATIVE MEDIUM FROM THAT IN
AIR.# SCIENTIFIC INTERIM REPORT.
GENERAL DISTRIBUTION
FEB 1968, 24 P, ILLUS, TABLES, 7 REFS
F19628-68-C-0030
CLS-R-1
AFCL-68-0049
AD-667 806
DIPOLE ANTENNAS
ADMITTANCE
TAYLORS SERIES
AIR
ERRORS
DISSIPATIVE MEDIUM

68 01220 NAT U
09-C
ALEXANDER, H.
NEW YORK UNIV., NEW YORK. SCHOOL OF
ENGINEERING AND SCIENCE. RESEARCH DIV.
AIR FORCE CAMBRIDGE RESEARCH LABS., L. G.
HANSCOM FIELD, BEDFORD, MASS.
THE DEVELOPMENT OF A CONSTITUTIVE RELATION
FOR NEUPHENE BALLOON FILM.# SCIENTIFIC
INTERIM REPORT.
GENERAL DISTRIBUTION
JUL 1967, 51 P, ILLUS, 25 REFS
F19628-67-C-0241
NYU-AA-108
AFCL-67-0573
AD-666 930
METEOROLOGICAL BALLOONS
SYNTHETIC RUBBER
FILMS
ELASTICITY
THEORY
EQUATIONS
STRAIN /MECHANICS/

68 01221 NAT U
09-C
KEHR, A. D.
ALEXANDER, H.
NEW YORK UNIV., NEW YORK. SCHOOL OF
ENGINEERING AND SCIENCE. RESEARCH DIV.
AIR FORCE CAMBRIDGE RESEARCH LABS., L. G.
HANSCOM FIELD, BEDFORD, MASS.
ON A CAUSE OF FAILURE OF HIGH ALTITUDE
PLASTIC BALLOONS.# SCIENTIFIC INTERIM
REPORT.
GENERAL DISTRIBUTION
OCT 1967, 8 P, ILLUS, 6 REFS
F19628-67-C-0241
NYU-AA-67-111
AFCL-67-0611
AD-667 192
BALLOONS
HIGH-ALTITUDE
POLYETHYLENE PLASTICS
COLD WEATHER TESTS
CREEP
RUPTURE
PRESSURE

68 01222 NAT U
01-E
MELLON, C. S.
UNITED AIRCRAFT CORP. HAMILTON STANDARD DIV..
MINUSOA LOCKS, CONN.
NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C.
1967 PROPELLER PRODUCT IMPROVEMENT PROGRAM
.# FINAL ENGINEERING REPORT /1 JANUARY 1967
TO 31 DECEMBER 1967/.
GOVERNMENT AGENCIES ONLY
FEB 1968, 140 P, ILLUS
N0014-67-C-0319
MSR-4980
AD-829 170
PROPELLERS /AERIAL/
ANTISUBMARINE AIRCRAFT
RESEARCH PLANES
OBSERVATION PLANES
CORROSION
HEARINGS
GLASS TEXTILES
BLADE AIRFOILS
ALUMINUM
EROSION
SEALS /STOPPERS/
ENGINEERING
P-3 AIRCRAFT
C-130 AIRCRAFT
OV-1 AIRCRAFT
PRODUCT IMPROVEMENT

68 01224 NAT U
02-B
TRAUNOR, D. K.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
ICING OF AIRCRAFT AND THE MEANS OF
PREVENTING IT.# TRANSLATED FROM RUSSIAN.
GENERAL DISTRIBUTION
AUG 1967, 230 P, ILLUS
FTD-MT-65-490
AD-66A 521
DE-ICING SYSTEMS
PHYSICS
ATMOSPHERIC PRECIPITATION
ICE PREVENTION
AERODYNAMIC CHARACTERISTICS
AIRCRAFT
THERMOELECTRICITY
AIR
FLIGHT
CONTROL
MECHANICS

68 01226 NAT U
02-N
BREUL, M. T.
GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE,
N. Y.
BUREAU OF NAVAL WEAPONS, WASHINGTON, D. C.
A SIMULATOR STUDY OF LOW SPEED VTOL
HANDLING QUALITIES IN TURBULENCE.# FINAL
REPORT.
GENERAL DISTRIBUTION
FEB 1966, 60 P, ILLUS, TABLES, 19 REFS
N0063-051A-C
GRD-A-RE-238
AD-477 949
FLIGHT SIMULATORS
VERTICAL TAKE-OFF PLANES
TURBULENCE
CONTROL
ROLL
PITCH /MOTION/
DISPLAY SYSTEMS
DAMPING
VELOCITY
HOVERING
MANEUVERABILITY

68 01227 NAT U
01-F
BORLAND, C. J.
MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
WING-BODY INTERFERENCE EFFECTS.# PART 1,
FINAL REPORT /JANUARY 4, 1965 TO JANUARY 3,
1966/.
METHODS OF CALCULATING AERODYNAMIC LOADS ON
AIRCRAFT STRUCTURES.
NO FOREIGN
AUG 1966, 195 P, ILLUS, 33 REFS
AF33/615/-2291
AFFDL-TR-66-37, PART 1
AD-807 297
AERODYNAMIC LOADING
AIRFRAMES
INTERFERENCE
LINEAR SYSTEMS
NONLINEAR SYSTEMS
PROGRAMMING /COMPUTERS/
GAS FLOW
NUMERICAL METHODS AND PROCEDURES
MATHEMATICAL MODELS
WING-BODY CONFIGURATION

68 01228 NAT U
11-C
CALIFORNIA, SAN FRANCISCO BAY AREA RAPID
TRANSIT DISTRICT.
PROGRESS REPORT.#
GENERAL DISTRIBUTION
APR 1964, 69 P, ILLUS
CIVIL ENGINEERING
CONSTRUCTION
REPORTS
RAPID TRANSIT
SAN FRANCISCO BAY AREA

68 01229 NAT U
07-G
MENGEKUCK, R. F.
ADAMS, J. A.
GAINER, L. A.
NAVAL TRAINING DEVICE CENTER, PORT
WASHINGTON, N. Y.
THE FORGETTING OF INSTRUMENT FLYING SKILLS
AS A FUNCTION OF THE LEVELS OF INITIAL
PROFICIENCY.#
GENERAL DISTRIBUTION
1965, 124 P, ILLUS, TABLES, 13 REFS
NAVTRADEVEN-71-16-18
AD-637 570
INSTRUMENT FLIGHT
TRAINING
PERFORMANCE TESTS
DATA
STATISTICAL ANALYSIS

68 01230 NAT U
13-C
DAVIDSON, M. D.
CRAIN, J. L.
DAVIS, E. M.
OPERATIONS RESEARCH, INC., SILVER SPRING, MD.
FEASIBILITY ANALYSIS OF RAPID TRANSIT
VEHICLE SYSTEMS.#
GENERAL DISTRIBUTION
FEB 1962, 100 P, ILLUS, TABLES
ORI-TR-173
FEASIBILITY STUDIES
VEHICLES
OPERATIONS RESEARCH
RAILROADS
VEHICLE WHEELS
GROUND EFFECT MACHINES
COMPUTERS
CONTROL
AUTOMATION
RAPID TRANSIT
MONORAIL SYSTEMS
MOVING BELT SYSTEMS

68 01231 NAT U
02-A
ISRAEL. NATIONAL COUNCIL FOR CIVIL AVIATION.
SYMPOSIUM ON CIVIL AVIATION IN THE COMING
DECADE.#
GENERAL DISTRIBUTION
MAR 1966, 132 P, ILLUS
CIVIL AVIATION
AIRWORTHINESS
SUBSONIC FLIGHT
SUPERSONIC FLIGHT
JET TRANSPORT PLANES
AERODYNAMIC HEATING
OPERATION
ECONOMICS
ANALYSIS
SHORT TAKE-OFF PLANES
VERTICAL TAKE-OFF PLANES
DESIGN
STANDARDS
AIRPORTS
SYMPOSIA

68 01232 NAT U
08-F
NAVAL WAR COLLEGE, NEWPORT, R. I.
BASIC LOGISTIC CONSIDERATIONS.#
OFFICIAL USE ONLY
JUL 1962, 90 P, ILLUS
LOGISTICS
ARMED FORCES SUPPLIES
MAINTENANCE
MODIFICATION KITS
MEDICAL FACILITIES
PERSONNEL
TRANSPORTATION
MOBILIZATION
BASE DEVELOPMENT

68 01233 NAT U
07-E
HOLBING, J. C., DR.
HOLLAND. GOVERNMENT PSYCHOLOGICAL SERVICE,
THE HAGUE.
CRITICAL REQUIREMENTS AND DIMENSIONS IN
THE EVALUATION OF AIR TRAFFIC CONTROLLER
PROFICIENCY.#
GENERAL DISTRIBUTION
1965, 25 P
AD-829 952
JOB ANALYSIS
AIR TRAFFIC CONTROLLERS
STATISTICAL ANALYSIS
STANDARDS
STATISTICAL FUNCTIONS
PSYCHOMETRICS

68 01234 NAT U
06-C
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
GLOSSARY OF MAPPING, CHARTING AND GEODETIC
TERMS.#
GENERAL DISTRIBUTION
JUL 1967, 235 P
AD-665 987
MAPPING
SURVEYING
GEODESICS
PARABOLIC ANTENNAS
REFLECTORS
OPERATION
EFFECTIVENESS
GLOSSARY

68 01235 NAT U
06-C
STUART, D. G.
MASSACHUSETTS INST. OF TECH., LEXINGTON.
LINCOLN LAB.
AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO.
HAYSTACK ANTENNA REFLECTOR SURFACE
IMPROVEMENT PROGRAM.# TECHNICAL NOTE.
GENERAL DISTRIBUTION
JAN 1968, 36 P, ILLUS, 4 REFS
AF19/620/-5167
MIT-TN-1968-7
ESO-TR-68-1
AD-667 518
PARABOLIC ANTENNAS
REFLECTORS
STOCHASTIC PROCESSES
DATA
ANALYSIS
OPERATION
EFFECTIVENESS
MEASUREMENT
HAYSTACK REFLECTOR
ADJUSTMENT

066 .1

68 01236 NAT U
08-D
MOSHOVSKY, A. G.
DOWNIE, C. S., COL.
OFFICE OF AEROSPACE RESEARCH, ARLINGTON, VA.
SELECTIVE DISSEMINATION OF INFORMATION IN
PRACTICE - SURVEY OF OPERATIONAL AND
EXPERIMENTAL SDI SYSTEMS.#
GENERAL DISTRIBUTION
SEP 1967, 15 P, 8 REFS
OAR-87-0012
AD-688 072
COMPUTERS
INFORMATION RETRIEVAL
LIBRARIES
DOCUMENTATION
SCIENTIFIC RESEARCH
ENGINEERING
OPERATIONS RESEARCH

68 01237 R NAT U
10-C
CONNOLLY, D. W.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
DISPLAY OF WEATHER CONTOURS.# INTERIM
REPORT.
GENERAL DISTRIBUTION
AUG 1968, 25 P, ILLUS
FAA-NA-68-29
AD-673 417
FEDERAL AVIATION ADMINISTRATION
DISPLAY SYSTEMS
WEATHER FORECASTING
HUMAN ENGINEERING
AIR TRAFFIC CONTROL SYSTEMS
RESOLUTION
WEATHER OUTLINE CONTOUR GENERATOR

68 01238 R NAT U
03-B
HAWTHORNE, K. E.
WILCOX ELECTRIC CO., INC., KANSAS CITY, MO.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
DEVELOPMENT OF LOCALIZER AND GLIDE SLOPE
CLEARANCE TRANSMITTERS.# FINAL REPORT.
GENERAL DISTRIBUTION
MAR 1968, 32 P, ILLUS
FA65MA-1270
WFC-RD-68-18
AU-67J 317
LOCALIZERS
GLIDE-PATH SYSTEMS
INSTRUMENT LANDINGS
APPROACH
GUIDANCE
TRANSMITTER-RECEIVERS
DESIGN
RELIABILITY
ANALYSIS
CLEARANCE

68 01239 R NAT U
03-F
PATTERSON, V. W.
FEDERAL AVIATION ADMINISTRATION, WASHINGTON,
D. C.
MILITARY AIR TRAFFIC ACTIVITY REPORT.#
CALFINDER YEAR 1967.
GENERAL DISTRIBUTION
JUL 1968, 55 P
FAA-R-68-3
FEDERAL AVIATION ADMINISTRATION
AIR TRAFFIC
AIR FORCE
ARMY
LANDING FIELDS
NAVAL AIR STATIONS
TRANSOCEANIC
DATA
NAVAL OPERATIONS
VISUAL FLIGHT
INSTRUMENT FLIGHT
APPROACH

68 01240 R NAT U
03-R
PURSEL, R. M.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
AN EVALUATION OF AN ALL-WEATHER LANDING
PANEL DISPLAY.# FINAL REPORT.
GENERAL DISTRIBUTION
AUG 1968, 43 P, ILLUS
FAA-NA-68-9
AD-673 261
ALL-WEATHER AVIATION
AUTOMATIC LANDING SYSTEMS
FLIGHT INSTRUMENTS
FLIGHT TESTING
TRANSPORT PLANES
FEDERAL AVIATION ADMINISTRATION
DC-7 AIRCRAFT

68 01241 R NAT U
09-E
NOHLER, S. R.
DILLE, J. R.
GIBBONS, M. L.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY.
CIRCADIAN RHYTHMS AND THE EFFECTS OF
LONG-DISTANCE FLIGHTS.#
GENERAL DISTRIBUTION
APR 1968, 5 P, ILLUS
FAA-AM-68-8
AD-672 898
AVIATION MEDICINE
TRANSOCEANIC
FLIGHT
FATIGUE /PHYSIOLOGY/
OPERATION
EFFECTIVENESS
DIURNAL VARIATIONS
FLIGHT CREWS
PASSENGERS
FEDERAL AVIATION ADMINISTRATION
CIRCADIAN RHYTHMS

68 01242 R NAT U
05-M
SEIPEL, J. M., PH.D., M.D.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, WASHINGTON, D. C.
THE BIOPHYSICAL BASIS AND CLINICAL
APPLICATIONS OF RHEDENCEPHALOGRAPHY.#
GENERAL DISTRIBUTION
MAY 1967, 56 P, 66 REFS
FAA-AM-67-11
AD-673 082
AVIATION MEDICINE
FEDERAL AVIATION ADMINISTRATION
BRAIN
BLOOD VESSELS
DISEASES
DIAGNOSIS
BIOPHYSICS
OBSTRUCTION /PHYSIOLOGY/
CAROTID ARTERIES
REG /RHEDENCEPHALOGRAPHY/

68 01243 R NAT U
09-A
MARCY, J. F.
JOHNSON, R.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
FLAMING AND SELF-EXTINGUISHING
CHARACTERISTICS OF AIRCRAFT CABIN INTERIOR
MATERIALS.# FINAL REPORT.
GENERAL DISTRIBUTION
JUL 1968, 44 P, ILLUS, TABLES
PROJ-510-001-11X
FAA-NA-68-30
DS-68-13
FEDERAL AVIATION ADMINISTRATION
AIRCRAFT FIRES
TEST METHODS
FIRE SAFETY
SMOKES
TOXICITY
AIRCRAFT CABINS
FLAMMABILITY
MATERIALS

68 01244 R NAT U
 01-F
 SKINNEY, R. W.
 PIER, F.
 FEDERAL AVIATION ADMINISTRATION, FLIGHT
 STANDARDS SERVICE, WASHINGTON, D. C.
 PROCEDURE TURN COMPLETION DISTANCE.#
 PROJECT REPORT.
 FAA ONLY
 JUN 1968, 3 P, ILLUS
 PROJ-68-460-7
 FEDERAL AVIATION ADMINISTRATION
 FLIGHT SIMULATORS
 DISTANCE MEASURING EQUIPMENT
 STATISTICAL ANALYSIS
 MANEUVERABILITY
 STANDARDS
 PROCEDURE TURN

68 01245 R NAT U
 04-E
 WIGNOT, J. E.
 DURUP, P. C.
 GAMON, M. A.
 GINSBURG, T. A.
 URTASSE, R.
 LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
 FEDERAL AVIATION ADMINISTRATION, AIRCRAFT
 DEVELOPMENT SERVICE, WASHINGTON, D. C.
 THE DEVELOPMENT OF DYNAMIC TAXI DESIGN
 PROCEDURES.# FINAL REPORT.
 GENERAL DISTRIBUTION
 JUN 1968, 460 P, ILLUS, 78 REFS
 FA67WA-1682
 PROJ-510-004-08H
 LC-05-08-11
 AD-673 424
 RUNWAYS
 TAXIWAYS
 DIGITAL COMPUTERS
 PROGRAMMING /COMPUTERS/
 DYNAMICS
 MATHEMATICAL ANALYSIS
 DESIGN
 LOADING /MECHANICS/
 STANDARDS
 SURFACE PROPERTIES

68 01246 NAT U
 01-A
 GRAY, L.
 LIIVA, J.
 BOEING CO. VERTRUL DIV., PHILADELPHIA.
 ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
 TWO-DIMENSIONAL TESTS OF AIRFOILS
 OSCILLATING NEAR STALL, DATA REPORT.#
 VOLUME II, FINAL TECHNICAL REPORT.
 GENERAL DISTRIBUTION
 APR 1968, 488 P, ILLUS, TABLES, 1 REF
 DA44-177-AMC-483/T/
 USAAVLABS-TR-68-138
 BD-02-0678-2
 AD-670 958
 AIRFOILS
 STALLING
 OSCILLATION
 SUPERSONIC WIND TUNNELS
 MODELS /SIMULATIONS/
 TEST METHODS
 COMPUTERS
 DATA
 REDUCTION

68 01247 NAT U
 01-F
 LIIVA, J.
 DAYERPORT, F. J.
 GRAY, L.
 WALTON, I. C.
 BOEING CO. VERTRUL DIV., PHILADELPHIA.
 ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
 TWO-DIMENSIONAL TESTS OF AIRFOILS
 OSCILLATING NEAR STALL, SUMMARY AND EVALUATION
 OF RESULTS.# VOLUME I, FINAL TECHNICAL
 REPORT.
 GENERAL DISTRIBUTION
 APR 1968, 148 P, ILLUS, 17 REFS
 DA44-177-AMC-480/T/
 USAAVLABS-TR-68-13A
 BD-02-0678-1
 AD-670 957
 AIRFOILS
 STALLING
 OSCILLATION
 ROTOR BLADES /ROTARY WINGS/
 PITCH /MOTION/
 AERODYNAMICS
 MACH NUMBER
 REYNOLDS NUMBER
 ANGLE OF ATTACK
 CAMBER
 HYSTERESIS

68 01248 NAT U
 09-B
 CUSTARD, G. H.
 FALCON RESEARCH AND DEVELOPMENT CO., DENVER,
 COLO.
 ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
 A VULNERABILITY EVALUATION OF EMULSIFIED
 FUELS FOR USE IN ARMY AIRCRAFT.# FINAL
 TECHNICAL REPORT.
 GENERAL DISTRIBUTION
 APR 1968, 168 P, ILLUS, TABLES
 DA44-177-AMC-415/T/
 USAAVLABS-TR-68-20
 AD-670 935
 FUELS
 COLLISIONS
 ARMY AIRCRAFT
 VULNERABILITY
 ANALYSIS
 BURNING RATE
 VAPORIZATION
 PERMEABILITY
 SCATTERING
 IGNITION
 INCENDIARY PROJECTILES
 FIRE EXTINGUISHERS
 FUEL TANKS
 AIRCRAFT FIRES
 JP-4 FUELS

68 01249
02-N
ADAMSON, W. M.
UNITED AIRCRAFT CORP. HAMILTON STANDARD DIV.,
WINDSOR LOCKS, CONN.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
FEASIBILITY STUDY OF ADVANCED V/STOL
PROPELLER TECHNOLOGY. # FINAL REPORT.
GENERAL DISTRIBUTION
JUN 1968, 384 P, ILLUS, TABLES, 62 REFS
DAAGJ2-67-C-0073
USAAVLABS-TR-68-13
AD-671 029
FEASIBILITY STUDIES
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
PROPELLERS /AERIAL /
AERODYNAMICS
GEARS
DESIGN
STRUCTURES
TESTS
ELECTRONICALLY
THERMAL ANALYSIS
ALUMINUM ALLOYS
PERFORMANCE
DESIGN
WEIGHT
STRUCTURE
GEARS

NAT U

68 01250
02-A
THORNTON, J. W.
CAMMELL, D. F.
HOLLY, J. L., JR.
REED, W. H.
ROBERTSON, S. H.
WEINBERG, L. W. T.
FLIGHT SAFETY FOUNDATION, INC. AVIATION
SAFETY ENGINEERING AND RESEARCH DIV.,
PHOENIX, ARIZ.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
CRASH SURVIVAL DESIGN GUIDE. #
GENERAL DISTRIBUTION
DEC 1967, 270 P, ILLUS, TABLES, 78 REFS
DA44-177-AMC-360/T/
USAAVLABS-TR-67-22
AVSER-66-18
AD-670 955
HELICOPTERS
AIRCRAFTS
AIRFRAMES
CRASHWORTHINESS
MECHANICS
SURVIVAL
DESIGN
AIRCRAFT SEATS
STANDARDS
SAFETY HARNESS
EMERGENCY PROCEDURES
AIRCRAFT FIRES

NAT U

68 01251
02-D
LENANSKI, A. J.
ALBERTI, J. P.
MACK, J. C.
ROEING CO. VENTOL DIV., PHILADELPHIA.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
AN EVALUATION OF CONFORMAL CONTACT GEARS. #
FINAL TECHNICAL REPORT.
GENERAL DISTRIBUTION
JAN 1958, 70 P, ILLUS, TABLES, 2 REFS
DA44-177-AMC-387/T/
USAAVLABS-TR-67 81
RC-D-0854
AD-670 959
GEARS
GEOMETRY
DESIGN
QUALITY CONTROL
LOADING /MECHANICS/
STRUCTURAL MECHANICS/
ANALYSIS
TESTS
CONFORMAL GEARS

NAT U

68 01252
02-N
WILSON, J. W.
SCHIMA, M. P.
DEITERING, J. S.
LTV AIRCRAFT CORP. VOUGHT AERONAUTICS DIV.,
DALLAS.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
DYNAMIC RESPONSE OF THE XC-142A TILT-WING
V/STOL AIRCRAFT TO IN-FLIGHT CARGO DELIVERY
AT SLOW SPEEDS. #
GENERAL DISTRIBUTION
MAR 1968, 106 P, ILLUS, 3 REFS
DA44-177-A-C-32/T/
USAAVLABS-TR-68-4
VAD-K 53310/68-6098
AD-670 965
TILT WINGS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
RESPONSE
CARGO
LOAD DISTRIBUTION
AIR-GRUP OPERATIONS
MATHEMATICAL MODELS
PILOTS
MODELS /SIMULATIONS/
FLIGHT TESTING
DATA
TRANSPORT PLANES
XC-142A AIRCRAFT

NAT U

68 01253 NAT U
01-B
VLEGHERT, J. P. K.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
INTEGRATION OF PROPULSION SYSTEMS IN
AIRFRAMES.# PAPERS PRESENTED AT THE
THIRTY-FIRST MEETING OF THE AGARD FLIGHT
MECHANICS PANEL, GOTTINGEN, GERMANY,
SEPTEMBER, 13, 14, AND 15, 1967.
GENERAL DISTRIBUTION
SEP 1967, 200 P, ILLUS
N68-28850
AIRFRAMES
PROPULSION
FLIGHT SPEEDS
THRUST
CALIBRATION
JET ENGINES
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
TRANSITION FLIGHT
CONTROL SYSTEMS
JET ENGINE NOZZLES
WINGS
TURBOJET INLETS
DESIGN
INGESTION /ENGINES/
POWER PLANTS /AIRCRAFT/
JET TRANSPORT PLANES
AUTOMATIC THROTTLE
HOT-GAS

68 01254 NAT U
02-A
MCVITTIE, A. M.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
A SYMPOSIUM ON AIRCRAFT INSTRUMENT AND
COCKPIT LIGHTING BY RED OR WHITE LIGHT,
RHODE-SAINT-GENESE, BELGIUM, OCTOBER 30,
31, 1967.#
GENERAL DISTRIBUTION
OCT 1967, 250 P, ILLUS, TABLES, 11 REFS
N68-29237
INSTRUMENT PANELS
COCKPITS
LIGHT
VISION
COLORS
VISUAL ACUITY
ADAPTATION /PHYSIOLOGY/
RED LIGHT
WHITE LIGHT
COMPARATIVE STUDIES

68 01255 NAT U
11
VOROBIEV, L. M.
ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS,
JERUSALEM.
SPACECRAFT NAVIGATION.# TRANSLATED FROM
RUSSIAN.
GENERAL DISTRIBUTION
1966, 159 P, ILLUS, TABLES, 43 REFS
NASA-TT-F-344
IT-66-51024
N67-14100
SPACECRAFT
SPACE NAVIGATION
PLANETS
STARS
ORBITAL TRAJECTORIES
MATHEMATICAL ANALYSIS
MOTION
CORRECTIONS
NAVIGATION SATELLITES
INERTIAL NAVIGATION
ASTROINERTIAL

68 01256 NAT U
01-D
FINK, M. F.
FREEMAN, D. C., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
FULL-SCALE WIND-TUNNEL INVESTIGATION OF THE
LONGITUDINAL AND LATERAL CHARACTERISTICS OF A
LIGHT, TWIN-ENGINE AIRPLANE.# LANGLEY WIND-TUNNEL
PAPER.
LIMITED DISTRIBUTION
FEB 1968, 70 P, TABLES
NASA-LWP-963
WIND TUNNELS
ROLL
PITCH /MOTION/
GENERAL AVIATION AIRCRAFT
ANGLE OF ATTACK
STALLING
CONTROL SYSTEMS
CAPTIVE TESTS
DATA
STABILITY

68 01257 NAT U
08-C
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
WASHINGTON, D. C.
SYSTEMS DESIGN.#
PERT COST.
GENERAL DISTRIBUTION
JUN 1962, 145 P, ILLUS
COSTS
SYSTEMS ENGINEERING
MANAGEMENT ENGINEERING
TIME
CONTROL
MODIFICATION KITS
REPORTS
COMPUTERS
PROGRAMMING LANGUAGES
DATA PROCESSING SYSTEMS
PERT /PROGRAM EVALUATION AND REVIEW TECHNIQUE/

68 01258 NAT U
08-C
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
OUTPUT REPORTS.# SUPPLEMENT NUMBER 1.
PERT COST.
GENERAL DISTRIBUTION
MAR 1963, 67 P
COSTS
REPORTS
DESIGN
MANAGEMENT ENGINEERING
ANALYSIS
PERT /PROGRAM EVALUATION AND REVIEW TECHNIQUE/
MANPOWER
OUTPUT

68 01259 NAT U
 OR-D
 AIR FORCE, WASHINGTON, D. C.
 PERT COST SYSTEM COMPUTER PROGRAM
 HANDBOOK.# VOLUME IV, PART 1 - PROGRAM USER'S
 GUIDE.
 USAF PERT.
 GENERAL DISTRIBUTION
 DEC 1963, 150 P, ILLUS, TABLES
 COSTS
 COMPUTERS
 PROGRAMMING /COMPUTERS/
 DATA PROCESSING SYSTEMS
 HANDBOOKS
 VOLUME
 COMPUTER LOGIC
 INPUT-OUTPUT DEVICES
 REPORTS
 DATA
 MODIFICATION KITS
 OPERATION
 PERT /PROGRAM EVALUATION AND REVIEW TECHNIQUE/

68 01260 NAT U
 OR-
 AIR FORCE, WASHINGTON, D. C.
 PERT-TIME SYSTEM COMPUTER HANDBOOK.#
 VOLUME II - PROGRAMMER'S GUIDE.
 USAF PERT.
 GENERAL DISTRIBUTION
 SEP 1963, 150 P, ILLUS
 II
 COMPUTERS
 PROGRAMMING /COMPUTERS/
 DATA PROCESSING SYSTEMS
 HANDBOOKS
 SYSTEMS ENGINEERING
 PERT /PROGRAM EVALUATION AND REVIEW TECHNIQUE/

68 01262 NAT U
 OR-N
 LAVI, R.
 HALL, G. R.
 STARK, W. W.
 NORTHROP CORP., HAWTHORNE, CALIF.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
 AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
 FULL-SCALE GROUND PROXIMITY INVESTIGATION
 OF A VIGIL FIGHTER MODEL AIRCRAFT.#
 GENERAL DISTRIBUTION
 JUN 1968, 174 P, ILLUS
 NASA-CR-1098
 AD-67-221
 N68-20233
 VERTICAL TAKE-OFF PLANES
 MODELS /SIMULATION/
 CAPTIVE TESTS
 TEST METHODS
 ENGINE /ENGINES/
 TURBOJET ENGINES
 AERODYNAMIC FORCES
 FIGHTERS
 SOUND TRANSMISSION
 HOT-GAS

68 01263 NAT U
 OR-E
 CHASE, T. W.
 FALKNER, V. L.
 HELFENSTEIN, R. F.
 HONEYWELL, INC., MINNEAPOLIS.
 AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
 PATTERSON AFB, OHIO.
 PILOT-IN-THE-LOOP SIMULATION STUDY OF
 DIRECT LIFT CONTROL.# VOLUME II, FINAL REPORT
 /MARCH 1967 TO FEBRUARY 1968/.
 STUDY AND SIMULATION PROGRAM TO INVESTIGATE
 THE MECHANIZATION OF AN AIRCRAFT FLIGHT
 CONTROL SYSTEM THAT EMPLOYS DIRECT LIFT.
 NO FOREIGN
 JUN 1968, 202 P, ILLUS, TABLES, 8 REFS
 F33615-67-C-1502
 HI-20755-TR4
 AFFDL-TR-68-64
 AD-835 103
 FLIGHT CONTROL SYSTEMS
 LIFT
 SIMULATION
 FLIGHT TESTING
 JET FIGHTERS
 MECHANICS
 ELEVATORS
 CONFIGURATION
 OPTIMIZATION
 FAILURE /MECHANICS/
 DIRECT LIFT CONTROL/
 F-104 AIRCRAFT
 CAS /CONTROL AUGMENTATION SYSTEM/
 SAS /STABILITY AUGMENTATION SYSTEM/

68 01264 NAT U
 OR-E
 CHASE, T. W.
 FALKNER, V. L.
 HELFENSTEIN, R. F.
 HONEYWELL, INC., MINNEAPOLIS.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 A DIRECT LIFT CONTROL SYSTEM FOR FLIGHT
 TEST IN THE F-104.# VOLUME III, FINAL REPORT
 /MARCH 1967 TO FEBRUARY 1968/.
 STUDY AND SIMULATION PROGRAM TO INVESTIGATE
 THE MECHANIZATION OF AN AIRCRAFT FLIGHT
 CONTROL SYSTEM THAT EMPLOYS DIRECT LIFT.
 NO FOREIGN
 JUN 1968, 210 P, ILLUS, TABLES
 F33615-67-C-1520
 HI-20755-TR4
 AFFDL-TR-68-64
 AD-835 103
 FLIGHT CONTROL SYSTEMS
 LIFT
 SIMULATION
 FLIGHT TESTING
 JET FIGHTERS
 MECHANICS
 ELEVATORS
 CONFIGURATION
 OPTIMIZATION
 FAILURE /MECHANICS/
 DIRECT LIFT CONTROL/
 F-104 AIRCRAFT
 CAS /CONTROL AUGMENTATION SYSTEM/
 SAS /STABILITY AUGMENTATION SYSTEM/

68 01265 NAT U
 07-C
 WIERENGA, B. J.
 DEBONO, M. A.
 GREEN, Z. A.
 LEAR SIEGLER, INC. INSTRUMENT DIV., GRAND
 RAPIDS.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 INTEGRATION OF HIGH CONTRAST SOLID-STATE
 DISPLAYS AND ADVANCED CONTROL CIRCUITRY.#
 FINAL TECHNICAL REPORT /MARCH 1966 TO MAY
 1967/.
 NO FOREIGN
 MAY 1968, 45 P, ILLUS
 AF33/615/-3871
 LSI-PN-GRR-67-1381
 AFFDL-TR-67-196
 AD-835 375
 ELECTROLUMINESCENCE
 DISPLAY SYSTEMS
 INTEGRATED CIRCUITS
 ALTIMETERS
 SOLIDS
 DESIGN
 CONTROL
 ELECTRONICS
 CIL /DIODE-TRANSISTOR LOGIC/
 HIGH-CONTRAST
 LAMP

68 01266 NAT U
 02-E
 CHASE, T. M.
 FALKNER, V. L.
 HEIFINSTEIN, R. F.
 HONEYWELL, INC., MINNEAPOLIS.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 PRELIMINARY DESIGN OF DIRECT LIFT
 CONTROLS.# VOLUME I.
 STUDY AND SIMULATION PROGRAM TO INVESTIGATE
 THE MECHANIZATION OF AN AIRCRAFT FLIGHT
 CONTROL SYSTEM THAT EMPLOYS DIRECT LIFT.
 NO FOREIGN
 JUN 1968, 214 P, ILLUS, TABLES
 F33615-67-C-1502
 HI-20755-TR3
 AFFDL-TR-68-69
 AD-835 101
 FLIGHT CONTROL SYSTEMS
 SIMULATION
 LIFT
 MECHANICS
 DESIGN
 OPTIMIZATION
 JET TRANSPORT PLANES
 SUPERSONIC PLANES
 JET BOMBERS
 JET FIGHTERS
 ELEVATORS
 GUSTS
 RESPONSE
 DLG /DIRECT LIFT CONTROL/
 C-5A AIRCRAFT

68 01267 NAT U
 04-E
 NEUGENT, J.
 BOEING CO., WICHITA, KAN.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 LOCATION OF ROUGH AREAS OF RUNWAYS FOR B-52
 AIRCRAFT.# VOLUME ILL, DIGITAL COMPUTER
 PROGRAM. FINAL REPORT /JUNE 1966 TO OCTOBER
 1967/.
 NO FOREIGN
 MAR 1968, 256 P, ILLUS
 AF33/615/-3822
 AFFDL-TR-67-175
 AD-835 825
 SURFACE PROPERTIES
 RUNWAYS
 DIGITAL COMPUTERS
 PROGRAMMING /COMPUTERS/
 JET BOMBERS
 MAGNETIC TAPE
 VELOCITY
 TAXIING
 TAKE-OFF
 B-52 AIRCRAFT

68 01268 NAT U
 04-E
 QUADE, D. A.
 BOEING CO., WICHITA, KAN.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 LOCATION OF ROUGH AREAS OF RUNWAYS FOR
 B-52 AIRCRAFT.# VOLUME IV, NUMERICAL RESULTS.
 NO FOREIGN
 MAR 1968, 31 P, ILLUS
 AF33/615/-3822
 AFFDL-TR-67-175
 AD-833 693
 SURFACE PROPERTIES
 RUNWAYS
 JET BOMBERS
 NUMERICAL ANALYSIS
 THEORY
 TAXIING
 TAKE-OFF
 DATA
 CENTER OF GRAVITY
 TAILS /AIRCRAFT/
 ACCELERATION
 B-52 AIRCRAFT
 COMPARATIVE STUDIES
 NOSE /AIRCRAFT/

68 01269 NAT U
 07-C
 BAGNALL, G. M.
 HOWE, D. R.
 ITT FEDERAL LABS., FORT WAYNE, IND.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 DEVELOPMENT OF SOLID STATE DISPLAY CONTROL
 CIRCUITRY.# TECHNICAL REPORT /SEPTEMBER 1966
 TO JULY 1967/.
 NO FOREIGN
 DEC 1967, 49 P, ILLUS
 AF33/615/-3852
 AFFDL-TR-67-169
 AD-833 649
 SOLIDS
 DISPLAY SYSTEMS
 ELECTROLUMINESCENCE
 SWITCHING CIRCUITS
 CONTROL
 DIODES /SEMICONDUCTOR/
 RESISTORS
 PANEL BOARDS /ELECTRICITY/

68 01270 NAT U
02-1
DEROUVILLE, M.
HEBENSTREIT, L. V.
KIDDE /WALTER/ AND CO., INC., BELLVILLE,
N. Y.
AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
INVESTIGATION OF PYROTECHNIC GENERATED
GAS DISCHARGE FIRE EXTINGUISHING SYSTEM.#
FINAL REPORT.
NO FIGURE
MAY 1968, 50 P, ILLUS, TABLES
AFAPL-TR-AR-47
AD-R33 901
PYROTECHNICS
FIRE EXTINGUISHERS
ENVIRONMENTAL TESTS
SIMULATION
ENGINEERING
ANALYSIS
OPERATION
WEIGHT
EFFECTIVENESS
PRESSURE
DATA
SUPERSONIC FLIGHT
HYPERSONIC FLIGHT
SELF-PRESSURIZATION
COMPARATIVE STUDIES

68 01271 NAT U
12-A
SAWYER, R. H.
MCLAUGHLIN, M. D.
SLESKY, N. S.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
SIMULATION STUDIES OF THE SUPERSONIC
TRANSPORT IN THE PRESENT-DAY AIR TRAFFIC
CONTROL SYSTEM.#
GENERAL DISTRIBUTION
JUL 1968, 78 P, ILLUS
NASA-TN-D-4638
N68-29372
SUPERSONIC TRANSPORTS
AIR TRAFFIC CONTROL SYSTEMS
FLIGHT SIMULATORS
ATC TERMINAL AREA
NAVIGATION
ANALYSIS

68 01272 NAT U
12-G
WHITLOW, J. B., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LEWIS RESEARCH CENTER, CLEVELAND, OHIO.
AIRPLANE SIZE AND STAGING EFFECTS ON SST
CRUISE SONIC BOOM.#
GENERAL DISTRIBUTION
JUL 1968, 50 P, ILLUS
NASA-TN-D-4677
N68-28831
SUPERSONIC TRANSPORTS
SONIC BOOM
CRUISING
WEIGHT
REDUCTION
ANALYSIS
OPERATION
EFFECTIVENESS
ECONOMICS
DOC /DIRECT OPERATING COS./
SIZE
STAGING

68 01273 NAT U
02-N
MCLEMORE, H. C.
SMITH, C. C., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
HOT-GAS INGESTION INVESTIGATION OF LARGE-
SCALE JET VIOL FIGHTER-TYPE MODELS.#
GENERAL DISTRIBUTION
JUN 1968, 258 P, ILLUS
NASA-TN-D-4609
N68-28277
INGESTION /ENGINES/
VERTICAL TAKE-OFF PLANES
JET FIGHTERS
MODELS /SIMULATION/
WIND TUNNELS
EXHAUST NOZZLES
JET ENGINE INLETS
WINGS
CONFIGURATIONS
WIND
AIR
TEMPERATURE
HOT-GAS

68 01274 NAT U
02-N
KELLY, J. R.
GARRIN, J. F., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
STUDY OF THE OPTIMUM VALUES OF SEVERAL
PARAMETERS AFFECTING LONGITUDINAL HANDLING
QUALITIES OF VIOL AIRCRAFT.#
GENERAL DISTRIBUTION
JUL 1968, 11 P, ILLUS, 1 TABLE
NASA-TN-D-4624
N68-28153
VERTICAL TAKE-OFF PLANES
RESPONSE
CONTROL
DATA
ANALYSIS
PITCH /MOTION/
DAMPING
ANGLE OF ATTACK
STABILITY
VELOCITY
SENSITIVITY
COMPARATIVE STUDIES
LONGITUDINAL

68 01275 NAT U
07-A
WEIR, D. M.
JOHNSON, W. A.
SYSTEMS TECHNOLOGY, INC., MANTHORNE, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
PILOT DYNAMIC RESPONSE TO SUDDEN FLIGHT
CONTROL SYSTEM FAILURES AND IMPLICATIONS
FOR DESIGN.#
GENERAL DISTRIBUTION
JUN 1968, 13 P, ILLUS
NASA-CN-1047
N68-24690
PILOTS
REACTION /PSYCHOLOGY/
FLIGHT CONTROL SYSTEMS
FAILURE /MECHANICS/
DESIGN
DYNAMICS
DATA
ANALYSIS
MATHEMATICAL MODELS
SINGLE-LOOP
MULTIPLE-LOOP

68 01276 NAT U
13-A
HANEY, D. G.
SMITH, S. R.
STANFORD RESEARCH INST., MENLO PARK, CALIF.
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
THE ECONOMIC FEASIBILITY OF PASSENGER
HYDROFOIL CRAFT IN U. S. DOMESTIC AND
FOREIGN COMMERCE.
GENERAL DISTRIBUTION
AUG 1961, 220 P, ILLUS, TABLES
SRI-PROJ-TNU-3992
ECONOMICS
FEASIBILITY STUDIES
HYDROFOILS
DESIGN
COSTS
HAWAIIAN ISLANDS
MIAMI
NASSAU
PUGET SOUND
NEW YORK CITY AREA
COMPARATIVE STUDIES

68 01277 NAT U
05-B
HEELER, G. W., JR.
ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER,
ALA.
ARMY MEDICAL RESEARCH AND DEVELOPMENT COMMAND,
WASHINGTON, D. C.
ANALOG NYSTAGMUS ANALYZER.
GENERAL DISTRIBUTION
DEC 1967, 11 P, ILLUS
USAARU-RM-68-4
AD-664 129
AVIATION MEDICINE
EYE
MOTION SICKNESS
ANALOG SYSTEMS
VESTIBULAR APPARATUS
ANALYZER

68 01278 NAT U
08-E
BOOK, P. S.
CARP, G.
KORZEKWA, S. M.
NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE,
PENNA.
ELECTROMAGNETIC INSTRUMENTATION.
VOLUME II, INTERIM REPORT.
BLUE ROCK PROJECT 4.1C. PHOTOMETRIC,
PHOTOELECTRIC AND ELECTROMAGNETIC
INSTRUMENTATION DEVELOPMENT. FINAL REPORT.
GENERAL DISTRIBUTION
JUL 1967, 102 P, ILLUS
NADC-MR-6703
AD-R23 624L
PHOTOMETERS
PHOTOELECTRIC EFFECT
ELECTROMAGNETIC PULSES
INSTRUMENTATION
DESIGN
CONSTRUCTION
MEASUREMENT
TIME
HISTORY
AVIATION MEDICINE
PROJECT BLUE ROCK 4.1C
AMPLITUDE

68 01279 NAT U
12-A
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
SUPERSONIC TRANSPORT IMPACT ON THE
COMMERCIAL AIRPLANE MARKET.
ADDENDUM II.
GENERAL DISTRIBUTION
NOV 1966, 37 P, ILLUS
SUPERSONIC TRANSPORTS
ECONOMICS
FEASIBILITY STUDIES
MONEY
ANALYSIS
UNITED STATES GOVERNMENT
AIR CARRIERS
IMPACT /ECONOMICS/
L-2000 AIRCRAFT
CASH FLOW PREMISES

68 01280 NAT U
13-A
HARVARD UNIV., CAMBRIDGE, MASS. ECONOMIC
RESEARCH PROJECT.
THE STUDY OF TRANSPORTATION REQUIREMENTS
USING NATIONAL AND MULTIREGIONAL INPUT-OUTPUT
TECHNIQUES.
GENERAL DISTRIBUTION
APR 1967, 71 P, ILLUS, TABLES
TRANSPORTATION
ECONOMICS
ANALYSIS
TECHNIQUES
DATA
NATIONAL
MULTIREGIONAL
INPUT-OUTPUT /ECONOMICS/
IMPACT /ECONOMICS/

68 01281 NAT U
03-B
HENLEY, M. G.
SMITH INDUSTRIES, LTD. AVIATION DIV., WEMBLEY,
MIDDLESEY, ENGLAND.
AUTOLANDING - A REVIEW OF PROGRESS TOWARDS
LOWER WEATHER MINIMUM OPERATIONS.
GENERAL DISTRIBUTION
MAY 1967, 24 P
AUTOMATIC LANDING SYSTEMS
FLARES
FLIGHT CONTROL SYSTEMS
JET PLANES
WEATHER SYSTEMS /AERONAUTICS/
ALL-WEATHER AVIATION
TRIDENT AIRCRAFT
WEATHER MINIMA

68 01282 NAT U
10-F
BECKWITH, W. B.
UNITED AIR LINES, INC., DENVER.
WEATHER BUREAU, WASHINGTON, D. C.
ANALYSIS OF THE SEVERE WEATHER FACTOR IN
AUTOMATIC CONTROL OF AIR ROUTE TRAFFIC.
FINAL REPORT.
GENERAL DISTRIBUTION
JUN 1962, 121 P, ILLUS, 23 REFS
CMB10110
WEATHER SYSTEMS /AERONAUTICS/
AIR ROUTE TRAFFIC CONTROL CENTERS
ANALYSIS
DATA
METEOROLOGICAL RADAR
RESEARCH PLANES
STORMS
WEATHER FORECASTING
PHOTOGRAPHS
FLIGHT LOGS

68 01285 NAT U
13-A
BALLOI, M. M.
MCADAMS, M. E.
MOONAW, M. L.
PEARSON, F. E.
SOWA, G.
ULF, G. M., JR.
DEPARTMENT OF COMMERCE, OFFICE OF THE
UNDERSECRETARY OF TRANSPORTATION, WASHINGTON,
D. C.
TRANSPORTATION OF TRANSOCEANIC CARGO - A
DESIGN FOR RESEARCH.#
GENERAL DISTRIBUTION
AUG 1966, 12 P
MI-20221-FRI
ECOM-01216-F1
TRANSPORTATION
TRANSOCEANIC
CARGO
DESIGN
ECONOMICS

68 01286 NAT U
02-F
HONEYWELL, W. L.
HENDERSON, M. C.
LAWSON, J. C.
ROTHMAN, D. J.
TUSHNETZ, J. L.
HONEYWELL, INC., MINNEAPOLIS.
ARMY ELECTRONICS COMMAND, AVIONICS LAB.,
FORT MONMOUTH, N. J.
ARMY ADVANCED AFCS STUDY.# PHASE I,
FINAL REPORT /1 MARCH TO 1 NOVEMBER 1965/.
GOVERNMENT AGENCIES ONLY
NOV 1965, 452 P, ILLUS, TABLES, 22 REFS
DA28-0434MC-01216/F1
AD-824 511
FLIGHT CONTROL SYSTEMS
HELICOPTERS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
RESPONSE
STANDARDS
DYNAMICS
ANALYSIS
DESIGN
AUTOMATIC NAVIGATORS
AFCS /AUTOMATIC FLIGHT CONTROL SYSTEM/
OH-5 HELICOPTER

68 01287 NAT U
11
BORROR, M. J.
MCDONNELL CO., ST. LOUIS.
EROS IN OPERATION.# PRESENTED AT THE
INSTITUTE OF NAVIGATION NATIONAL AIR MEETING
ON COLLISION AVOIDANCE, DAYTON, OHIO,
23 AND 24 FEBRUARY 1967.
GENERAL DISTRIBUTION
FEB 1967, 11 P, ILLUS, 2 REFS
COLLISION AVOIDANCE
FLIGHT TESTING
RANGES /DISTANCE/
ALTITUDE
JET FIGHTERS
SYNCHRONIZATION /ELECTRONICS/
DISCRIMINATORS
SCATTERING
OPERATION
EFFECTIVENESS
EROS /ELIMINATION RANGE ZERO SYSTEM/

68 01288 NAT U
02-M
AEROSPACE INDUSTRIES ASSN. OF AMERICA, INC.
VERTICAL AIR LIFT COUNCIL, WASHINGTON, D. C.
THE ECONOMICS OF VTOL SYSTEM.#
GENERAL DISTRIBUTION
APR 1966, 31 P, ILLUS
VERTICAL TAKE-OFF PLANES
AIR TRANSPORTATION
ECONOMICS
AIRCRAFT
SAFETY
NOISE
ANALYSIS
TERMINAL FLIGHT FACILITIES
AIRSPACE
SHORT-RANGE TRANSPORTATION

68 01289 NAT U
02-F
MINIM, A. C.
WEATHER BUREAU, SILVER SPRING, MD.
FLIGHT SAFETY FOUNDATION, INC., NEW YORK.
EFFECTS OF WEATHER ON GOVERNMENT AVIATION
WEATHER SAFETY
GENERAL AVIATION
HUNTERS, BOMBERS, FIGHTERS
EMBROIDERY
WEATHER COMMUNICATIONS
GENERAL AVIATION AIRCRAFT
AVIATION ACCIDENTS
PILOTS
EDUCATION
STATISTICAL DATA
WEATHER FORECASTING
UNITED STATES GOVERNMENT
ANALYSIS
VISUAL FLIGHT
PATWAS /PILOTS AUTOMATIC TELEPHONE WEATHER
ANSWERING SERVICE/

68 01290 NAT U
10-G
ENDLICH, R. M.
MANGUSO, R. L.
STANFORD RESEARCH INST., MENLO PARK, CALIF.
WEATHER BUREAU, WASHINGTON, D. C.
OBJECTIVE ANALYSIS AND FORECASTING OF
CLEAR-AIR TURBULENCE.# FINAL REPORT.
GENERAL DISTRIBUTION
JUN 1965, 56 P, ILLUS, TABLES, REFS
CW810871
CLEAR AIR TURBULENCE
WEATHER FORECASTING
STATISTICAL ANALYSIS
STANDARDS
UPPER ATMOSPHERE
WIND
RADIOSOUNDES
DATA
TEMPERATURE
VERTICAL DERIVATIVES
HORIZONTAL DERIVATIVES
COMPARATIVE STUDIES

68 01291 NAT U
06-S
MARTIN-MARIETTA CORP., ORLANDO, FLA.
ARMY, OFFICE OF THE SURGEON GENERAL,
WASHINGTON, D. C.
PROCEEDINGS OF THE FIRST CONFERENCE ON
LASER SAFETY, ORLANDO, FLA., MAY 19, 20,
1966.#
GENERAL DISTRIBUTION
NOV 1966, 100 P, ILLUS
OR-8600
LASERS
SAFETY
CONFERENCES
OPTICAL FILTERS
RADIATION HAZARDS
HARMFUL

68 01292
02-N
MARSH, R. R.
LING-TENCO-VOUGHT, INC. AERONAUTICS DIV.-
DALLAS.
OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
RESEARCH ON VERTICAL TAKE-OFF EFFECTS,
INCLUDING THE EFFECTS OF WIND AND WAVES.
FINAL REPORT.
GENERAL DISTRIBUTION
APR 1968, 234 P, ILLUS, TABLES, 11 REFS
N00014-67-L-0488
ON-2-55400/HH-6140
AD-684 714
VERTICAL TAKE-OFF PLANES
WIND
WATER WAVES
HOVERING
MODELS /SIMULATIONS/
TEST METHODS
MOMENTS
DOWNWASH
SPRAYS
DATA
TEST FACILITIES
FORCES /MECHANICS/
HEIGHT /DIMENSION/

68 01294
01-C
FRATSONS, K. S.
HORNJIFF, R. D.
BISHOP, D. E.
GULT, BERANER AND NEWMAN, INC.,
VAN NUYS, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
GLEY RESEARCH CENTER, LANGLEY STATION,
N, VA.
NOISINESS OF TONES PLUS NOISE.
L DISTRIBUTION
-B, 89 P, ILLUS, TABLES, 8 REFS
NA -50-1
NASA-CR-1117
N68-30602
NOISE
TEST METHODS
MODULATION
BROADBAND
SOUND
TONES /ACOUSTICS/
COMPARATIVE STUDIES

68 01295
02-N
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
V/STOL APPROACH AND LANDING SYSTEMS.
GENERAL DISTRIBUTION
1967, 28 P, ILLUS, TABLE
AGARD-R-560
N68-30129
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
APPROACH
LANDING
INSTRUMENT FLIGHT
DISPLAY SYSTEMS
GUIDANCE
STABILIZATION SYSTEMS
CONTROL SYSTEMS

68 01296
07-A
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
STUDY DIVISION.
GENERAL DISTRIBUTION
JUN 1966, 60 P, ILLUS
SYSTEMS ENGINEERING
DESIGN
TRANSPORTATION
CONFIGURATION
MATHEMATICAL PREDICTION
SOCIOLOGY
ECONOMICS
PASSENGERS
CARGO
NETWORKS
SIMULATION
ANALYSIS
NORTHEAST CORRIDOR
IMPLEMENTATION

68 01297
08-C
CROW, R. I.
BURNS, H. A.
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
A MODEL OF OUTPUT, INCOME AND EMPLOYMENT
IN CONTRACT CONSTRUCTION IN THE NORTHEAST
CORRIDOR REGION.
GENERAL DISTRIBUTION
FEB 1966, 23 P
ECONOMICS
MATHEMATICAL MODELS
MATHEMATICAL PREDICTION
POPULATION
COSTS
MAINTENANCE
WAGES
NORTHEAST CORRIDOR
CREDIT
CONTRACT CONSTRUCTION

68 01298
08-C
CROW, R.
LEMAN, R.
GILSINN, J.
MCRAE, L.
ROSE, S.
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
METHODS FOR THE INITIAL SUPERDISTRICT
PROJECTIONS OF NORTHEAST CORRIDOR POPULATIONS,
EMPLOYMENT AND INCOME.
OFFICIAL USE ONLY
AUG 1966, 65 P, ILLUS
NECTP-TP-6
POPULATION
MATHEMATICAL PREDICTION
MATHEMATICAL MODELS
WAGES
NORTHEAST CORRIDOR
EMPLOYMENT

68 01299
13-A
GLANCEY, D. M.
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
DESCRIPTION OF THE AREA SYSTEM FOR THE
NORTHEAST CORRIDOR TRANSPORTATION PROJECT.
OFFICIAL USE ONLY
DEC 1965, 8 P, ILLUS
NECTP-TP-4
TRANSPORTATION
ANALYSIS
POPULATION
URBAN AREAS
ECONOMICS
NORTHEAST CORRIDOR

6A 01300 NAT U
10-F
HARNES, S. I.
NATIONAL SEVERE STORMS LAB., NORMAN, OKLA.
ON THE SOURCE OF THUNDERSTORM ROTATION.
GENERAL DISCUSSION
MAR 1968, 28 P, ILLUS, TABLES
TH-EP1TM-NSS1 JM
MAR-29061
THUNDERSTORMS
VORTICES
EQUATIONS
CONVECTION
VERTICAL SHEAR
COMPARATIVE STUDIES

6A 01301 NAT U
00-C
SMITH, J. D. H.
GT. BRIT. MINISTRY OF TECHNOLOGY, SIGNALS
RESEARCH AND DEVELOPMENT ESTABLISHMENT,
CHRISTCHURCH, HANTS, ENGLAND.
ENVIRONMENTAL NOISE TEMPERATURE AT 50 CM.
GENERAL DISCUSSION
JAN 1968, 10 P, ILLUS, TABLES
SRI-R-67006
AD-670 419
PARALLELIC ANTENNAS
DATA
NOISE
TEMPERATURE
WAVELENGTH

6A 01302 NAT U
00-F
PICOUP, H. L.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
AN ANALOGUE COMPUTER FOR IN-LINE CORRECTION
OF WIND TUNNEL FORCE AND MOMENT DATA.
GOVERNMENT AGENCIES ONLY
OCT 1968, 24 P, ILLUS, TABLES, 8 REFS
RAE-TR-68318
AD-327 441
ANALOG COMPUTERS
CORRECTIONS
SUPersonic WIND TUNNELS
DATA
MOMENTS
DIGITAL COMPUTERS
STRAIN GAGES
CALIBRATION
AERODYNAMIC FORCES
ACCURACY
COMPARATIVE STUDIES

6A 01303 NAT U
02-J
GREEN, K.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
AIRBORNE RECORDING OF I. L. S.
TRANSMISSIONS FROM A NUMBER OF EUROPEAN
INSTALLATIONS.
GOVERNMENT AGENCIES ONLY
FEB 1967, 12 P, ILLUS, TABLES, 3 REFS
RAE-TR-67044
AD-R33 421L
AIRBORNE
MAGNETIC RECORDING SYSTEMS
ULTRAVIOLET EQUIPMENT
INSTRUMENT LANDINGS
TRANSMITTER-RECEIVERS
LOCALIZERS
GLIDE-PATH SYSTEMS
MODULATION
NOISE /RADIO/
RADIO INTERFERENCE
ILS /INSTRUMENT LANDING SYSTEM/
EUROPEAN INSTALLATIONS

6A 01304 NAT U
01-C
WATERS, P. H. I.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
A BRIEF COMPARATIVE STUDY OF THE EFFECT OF
ADVANCES IN TECHNOLOGY ON THE PERFORMANCES
OF LAMINAR-FLOW AND CONVENTIONAL SUBSONIC
TRANSPORT AIRCRAFT.
GOVERNMENT AGENCIES ONLY
APR 1967, 30 P, ILLUS, TABLES, 4 REFS
RAE-TR-67024
AD-834 173L
LAMINAR FLOW
SUBSONIC FLIGHT
JET TRANSPORT PLANES
OPERATION
EFFECTIVENESS
FUELS
DESIGN
WEIGHT
COSTS
COMPARATIVE STUDIES
BOEING 707 AIRCRAFT

6A 01305 NAT U
02-J
PERRY, D. H.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
AN ANALYSIS OF SOME MAJOR FACTORS INVOLVED
IN NORMAL TAKE-OFF PERFORMANCE.
GOVERNMENT AGENCIES ONLY
DEC 1967, 30 P, ILLUS, TABLES, 26 REFS
RAE-TR-67314
AD-833 401
MATHEMATICAL ANALYSIS
TAKE-OFF
OPERATION
EFFECTIVENESS
EQUATIONS
LIFT
WINGS
AERODYNAMIC LOADING
ASPECT RATIO
THRUST
WEIGHT
CLIMBING
SWEEP WINGS
SUBSONIC FLIGHT
JET TRANSPORT PLANES
COEFFICIENTS
DISTANCE
ALL-WING AEROBUS

6A 01306 NAT U
01-C
WATERS, M. H. L.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
ADDITIONAL NOTES ON COST ASSUMPTIONS FOR
LAMINAR-FLOW AND CONVENTIONAL SUBSONIC
TRANSPORT AIRCRAFT.
GOVERNMENT AGENCIES ONLY
JAN 1968, 9 P, ILLUS, TABLES, 4 REFS
RAE-TR-68020
AD-834 175L
LAMINAR FLOW
SUBSONIC FLIGHT
JET TRANSPORT PLANES
COSTS
OPERATION
ANALYSIS
COMPARATIVE STUDIES

68 01307 NAT U
02-J
HALL, H.
CANSDALE, R.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE LANDING RESPONSE OF A SLENDER WING
MODEL AIRCRAFT.
GOVERNMENT AGENCIES ONLY
SEP 1967, 39 P, ILLUS, TABLES, 2 REFS
RAE-TR-67212
AD-834 808
LANDING
RESPONSE
SLENDER WINGS
AIRPLANE MODELS
LOADING /MECHANICS/
FLUTTER SIMULATORS
RESONANCE
TEST METHODS
DROP TESTS
HEIGHT /DIMENSION/

68 01308 NAT U
01-G
LEE, F. W.
NICHOLAS, D. P.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
FLIGHT MEASUREMENTS OF WING-TIP VORTEX
MOTION NEAR THE GROUND.
GOVERNMENT AGENCIES ONLY
JAN 1968, 26 P, ILLUS, TABLES, 5 REFS
RAE-TR-68007
AD-834 840
AERODYNAMIC CONTROL SURFACES
VORTICES
JET FIGHTERS
FLIGHT TESTING
TEST METHODS
WIND
GROUND EFFECT
HUNTER AIRCRAFT

68 01309 NAT U
02-J
BIRCH, I. D.
STALLARD, R.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
INTERFEROMETRIC MONITORING OF AUTOMATIC
LANDING USING THE AIRCRAFT RADIO ALTIMETER AS
THE TRANSMITTING SOURCE.
GOVERNMENT AGENCIES ONLY
JAN 1967, 26 P, ILLUS
RAE-TR-67014
AD-835 720L
RADIO ALTIMETERS
TRANSMITTER-RECEIVERS
AUTOMATIC LANDING SYSTEMS
INTERFEROMETERS
THEORY
ANALYSIS
DISPLACEMENT

68 01310 NAT U
04-G
PEITY, M.
SOUTH HAMPTON, UNIV., ENGLAND. INST. OF SOUND
AND VIBRATION RESEARCH,
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
FINITE ELEMENT VIBRATION ANALYSIS OF
CRACKED PLATES IN TENSION.
GENERAL DISTRIBUTION
JAN 1968, 161 P, ILLUS, TABLES, 16 REFS
AFML-TR-67-396
AD-666 448
VIBRATION
ANALYSIS
FRACTURE /MECHANICS/
FUSELAGES
PANELS /STRUCTURAL/
MATHEMATICAL ANALYSIS
FATIGUE /MECHANICS/
BUCKLING /MECHANICS/
FREQUENCY
THEORY

68 01311 NAT U
03-B
OAX, P. R.
MISCOM, H. C.
PALMER, W. J.
WESTINGHOUSE DEFENSE AND SPACE CENTER,
BALTIMORE.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
TACTICAL INSTRUMENT LANDING SYSTEM STUDY.
NO FOREIGN
MAR 1968, 270 P, ILLUS, TABLES, 11 REFS
AFFDL-TR-68-12
AD-837 235
INSTRUMENT LANDINGS
ARMED FORCES OPERATIONS
LANDING AIDS
AIR-DROP OPERATIONS
INSTRUMENT FLIGHT
CLIMATOLOGY
TERRAIN
FLIGHT SIMULATORS
COSTS
EFFECTIVENESS
AIRBORNE
INFO /INTEGRATED NAVIGATION FOR TERMINAL OPER/
PAALS /PRECISION APPROACH AND LANDING SYSTEM/
TACAN /TACTICAL AIR NAVIGATION/

68 01312 NAT U
03-B
SULLIVAN, N.
TAYLOR, J. K.
BELL AEROSYSTEMS CO. BUFFALO.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
TACTICAL INSTRUMENT LANDING /TACLAND/
SYSTEM STUDY.
NO FOREIGN
MAY 1968, 425 P, ILLUS, TABLES, 63 REFS
F33615-67-C-1908
AFFDL-TR-68-22
AD-836 650
INSTRUMENT LANDINGS
AUTOMATIC LANDING SYSTEMS
INSTRUMENT FLIGHT
FLIGHT PATHS
GUIDANCE
CONTROL SYSTEMS
APPROACH
MICROWAVES
BEAMS /ELECTROMAGNETIC/
ARMED FORCES OPERATIONS
AIR-DROP OPERATIONS
DATA
ANALYSIS
GROUND SUPPORT EQUIPMENT
CARGO
TACLAND /TACTICAL INSTRUMENT LANDING/ SYSTEM
EXTRACTION

68 01313 NAT U
 03-B
 CAFARELLI, M. J., JR.
 MEYER, M. A.
 LABORATORY FOR ELECTRONICS, INC. ELECTRONICS
 DIV., BOSTON.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 TACTICAL STUDIES - TACTICAL INSTRUMENT
 LANDINGS.#
 NO FOREIGN
 APR 1968, 210 P, ILLUS, TABLES, 70 REFS
 F33615-67-C-1789
 AFFDL-TK-68-42
 AD-836 755
 INSTRUMENT LANDINGS
 INSTRUMENT FLIGHT
 AIR-DROP OPERATIONS
 ARMED FORCES OPERATIONS
 CARGO
 GUIDANCE
 AERODYNAMICS
 FLIGHT PATHS
 STANDARDIZATION
 SIGNALS
 MODELS /SIMULATIONS/
 APPROACH
 AIR TRAFFIC CONTROL SYSTEMS
 TACTICAL /TACTICAL INSTRUMENT LANDING/ SYSTEM
 EXTRACTION

68 01314 NAT U
 01-D
 CAMILL, J. F.
 CHOPIN, B. L.
 LOCKHEED-GEORGIA CO., MARIETTA, GA.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 FLIGHT TEST INVESTIGATION OF TRANSONIC
 SHOCK-BOUNDARY LAYER PHENOMENA.#
 NO FOREIGN
 JUL 1968, 66 P, ILLUS, 14 REFS
 F33615-67-C-1777
 PROJ-1366
 AFFDL-TK-68-84-VOL-I
 AD-835 774
 FLIGHT TESTING
 BOUNDARY LAYER
 TRANSONIC FLOW
 SHOCK WAVES
 JET TRANSPORT PLANES
 BUFFETING
 ANALYSIS
 WINGS
 PRESSURE
 SHOCK /MECHANICS/
 SEPARATION
 C-141 AIRCRAFT
 SCALE EFFECTS
 STATIC PRESSURE

68 01315 NAT U
 04-B
 KLAUS, E. E.
 TENNENBURY, E. J.
 FENSKE, M. R.
 PENNSYLVANIA STATE UNIV., UNIVERSITY PARK.
 PETROLEUM REFINING LAB.
 AIR FORCE MATERIALS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 FLUIDS, LUBRICANTS, FUELS AND RELATED
 MATERIALS.#
 NO FOREIGN
 APR 1968, 418 P, ILLUS, TABLES, 51 REFS
 AF33/6157-1379
 AFML-TK-67-107, PART II
 AD-837 221
 FLUIDS
 LUBRICANTS
 FUELS
 HYDRAULIC FLUIDS
 NITROGEN
 CORROSION
 INSTRUMENT GREASES
 OILS
 TEST METHODS
 SPECTRUM ANALYZERS
 SOLUBILITY /PHYSICAL AND PHYSICO CHEM CONCEPTS/
 WEAR DEBRIS
 ACTIVATION ANALYSIS

68 01316 NAT U
 06-C
 HUTCHINS, S. F.
 SCIENTIFIC-ATLANTA, INC., GA.
 ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
 N. Y.
 INVESTIGATION OF PRECISION ANTENNA PATTERN
 RECORDING AND DISPLAY TECHNIQUES.# PHASE III.
 GOVERNMENT AGENCIES ONLY
 JUL 1968, 59 P, ILLUS, TABLE
 AF30/602/4305
 RADL-TK-68-183
 AD-837 636L
 ANTENNA RADIATION PATTERNS
 DISPLAY SYSTEMS
 MEASURING DEVICES /ELECTRICAL AND ELEC
 ELECTRONIC RECORDING SYSTEMS
 RANGES /ESTABLISHMENTS/
 PRECISION ANTENNA

68 01317 NAT U
 11
 KUGEL, C. P.
 NAVAL ELECTRONIC LAB. CENTER,
 SAN DIEGO, CALIF.
 OMEGA SYSTEM SYNCHRONIZATION.#
 GENERAL DISTRIBUTION
 JAN 1968, 24 P, TABLES
 NELC-R-1529
 AD-669 444
 RADIO NAVIGATION
 VERY LOW FREQUENCY
 HYPERBOLIC NAVIGATION
 SYNCHRONIZATION /ELECTRONICS/
 TIME
 FREQUENCY
 STANDARDS
 DATA

68 01318 NAT U
06-C
ROYNS, J. E.
NAVAL ELECTRONICS LAB. CENTER,
SAN DIEGO, CALIF.
CIRCULAR-ARRAY RADAR ANTENNA - CARAMBA I
EXPERIMENTAL RESULTS. # RESEARCH AND
DEVELOPMENT REPORT.
GOVERNMENT AGENCIES ONLY
FEB 1968, 33 P, ILLUS, TABLES, P. REFS
SF001-9205
TASK-6072
NELC-TR-1535
AD-835 5081
RADAR ANTENNAS
ANTENNA CONFIGURATIONS
ANTENNA RADIATION PATTERNS
AMPLITUDE MODULATION
PHASE MODULATION
BROADBAND
SCANNING
LENSES
ELECTRONIC SWITCHES
COMPARATIVE STUDIES
CARAMBA /CYLINDRICAL-ARRAY RADAR AGILE MOVING
BEAM ANTENNA/
FEED SYSTEM

68 01319 NAT U
06-C
PARKER, S. E.
NAVAL ELECTRONICS LAB. CENTER,
SAN DIEGO, CALIF.
COST-EFFECTIVENESS COMPARISON OF TWO
MULTICOUPLING APPROACHES TO HF TRANSMITTING
SYSTEM ENGINEERING. #
GENERAL DISTRIBUTION
FEB 1968, 40 P, ILLUS, 33 REFS
NELC-R-1537
AD-670 741
COSTS
EFFECTIVENESS
SYSTEMS ENGINEERING
HIGH FREQUENCY
COMMUNICATION SYSTEMS
COUPLING CIRCUITS
POWER AMPLIFIERS
PAC /POWER AMPLIFIER COUPLER/
COMPARATIVE STUDIES

68 01320 NAT U
06-C
REINDEL, J.
NAVAL ELECTRONICS LAB. CENTER,
SAN DIEGO, CALIF.
CIRCULAR-ARRAY RADAR ANTENNA - CARAMBA II
EXPERIMENTAL RESULTS. # RESEARCH AND
DEVELOPMENT REPORT /JULY 1966 TO JANUARY
1968/.
GENERAL DISTRIBUTION
MAR 1968, 32 P, ILLUS, 7 REFS
RADAR ANTENNAS
ANTENNA CONFIGURATIONS
ANTENNA RADIATION PATTERNS
AMPLITUDE MODULATION
PHASE MODULATION
BROADBAND
ELECTRONIC SWITCHES
ATTENUATORS
CARAMBA /CYLINDRICAL-ARRAY RADAR AGILE MOVING
BEAM ANTENNA/
FEED SYSTEM
COMPARATIVE STUDIES

68 01321 NAT U
02-G
WALTON, R. P.
ASHKENAS, I. L.
SYSTEMS TECHNOLOGY, INC., HAWTHORNE, CALIF.
NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D.C.
ANALYTICAL REVIEW OF MILITARY HELICOPTER
FLYING QUALITIES. # FINAL REPORT.
GENERAL DISTRIBUTION
FEB 1968, 185 P, ILLUS, TABLES
N0044-0601-F
STIC-18-141-1
AD-666 827
HELICOPTERS
MILITARY AIRCRAFT
GUSTS
DYNAMICS
SPECIFICATION
PILOTS
MATHEMATICAL ANALYSES
MATHEMATICAL MODELS
MOVEMENT
FLIGHT SIMULATIONS
MANEUVERABILITY
CONTROL
STABILITY
CLOSED-LOOP
OPEN-LOOP

68 01322 NAT U
02-I
ARMY ARCTIC TEST CENTER, FORT GREELY, ALASKA.
ARCTIC SERVICE TEST OF SURVIVAL KIT, OV-1
AIRCRAFT, COLD CLIMATE. # FINAL REPORT.
GENERAL DISTRIBUTION
APR 1964, 25 P, ILLUS
USATECOM-PROJ-4-3-1111-02-K
AD-440 337L
SURVIVAL KITS
COLD WEATHER TESTS
ARMY AIRCRAFT
OBSERVATION PLANES
DATA
TEST METHODS
OV-1 AIRCRAFT

68 01323 NAT U
02-J
ARMY TEST AND EVALUATION COMMAND, ABERDEEN
PROVING GROUND, MD.
ARMY ARCTIC TEST CENTER, FORT GREELY, ALASKA.
SERVICE TEST OF LIGHT, GLIDE ANGLE
INDICATOR, UNDER ARCTIC WINTER CONDITIONS. #
FINAL REPORT.
DDD ONLY
APR 1965, 20 P, ILLUS
AHSTE-BG-4-4-4327-01
AD-478 336
COLD WEATHER TESTS
INDICATOR LIGHTS
TEST METHODS
ANALYSIS
GATE /LIGHT, GLIDE ANGLE INDICATOR/

68 01324
11
BORING, G.
LOTT, D.
PILCICKI, J.
RAUSED, N.
APINC RESEARCH CORP., ANNAPOLIS.
WARNER ROBINS AIR MATERIEL AREA, ROBINS
AFB, GA.
TACAN RELIABILITY STUDY.# FINAL
ENGINEERING REPORT.
GOVERNMENT AGENCIES ONLY
MAY 1968, 50 P, ILLUS, TABLES
AF09/603/63643
F09601-67-A-0003-0007
F09603-68-A-0202-0001
AD-834 4371
SYSTEMS ENGINEERING
AIR
NAVIGATION
RELIABILITY
MODIFICATION KITS
FLIGHT TESTING
DESIGN
MAINTENANCE
TACAN /TACTICAL AIR NAVIGATION/

NAT U

68 01329
10-F
WEISS, B. D.
AIR FORCE CAMBRIDGE RESEARCH LABS., L. G.
HANSCOM FIELD, BEDFORD, MASS.
AN ANALYSIS OF THE PERFORMANCE OF THE
THREE-STATION SPARSA NETWORK FOR DETECTING
AND TRACKING THUNDERSTORM ACTIVITY.
GENERAL DISTRIBUTION
MAY 1968, 230 P, ILLUS, TABLES
AF09/68-0272
METEOROLOGICAL INSTRUMENTS
AZIMUTH
RANGES /DISTANCE/
SPECTRUM ANALYZERS
DETECTION
TRACKING
THUNDERSTORMS
NETWORKS
ATMOSPHERIC ELECTRICITY
DISPLAY SYSTEMS
DATA
ANALYSIS
SPARSA /SPERICS POSITION AZIMUTH RANGE
SPECTRUM ANALYZER/

NAT U

68 01325
13-A
MAZURSKY, S.
ZEVEY, M.
LITTON SYSTEMS, INC., CULVER CITY, CALIF.
DEPARTMENT OF TRANSPORTATION,
WASHINGTON, D. C.
OCEANOGRAPHIC SHIPPING - DEMAND AND TECHNOLOGY
FORECASTS.# FINAL REPORT.
GENERAL DISTRIBUTION
JUN 1968, 619 P, ILLUS, 201 REFS
TR-233/NEG/
OCEANS
TRANSPORTATION
MATHEMATICAL PREDICTION
VOLUME
COMMERCE
FLEETS
TECHNOLOGICAL INTELLIGENCE
SHIPS
ECONOMICS
CONTAINERS
POLICY
CONTAINERIZATION

NAT U

68 01330
10-E
KANTOR, A. J.
AIR FORCE CAMBRIDGE RESEARCH LABS., L. G.
HANSCOM FIELD, BEDFORD, MASS.
CLOUD DETECTION CAPABILITY OF OPERATIONAL
AN/TPQ-11 RADAR SETS DURING 1966-1967.#
GENERAL DISTRIBUTION
MAY 1968, 13 P, TABLES, 2 REFS
AF09/68-0269
CLOUDS
DETECTION
RADAR EQUIPMENT
CLIMATOLOGY
DATA
AIR FORCE
LANDING FIELDS
AN/TPQ-11 RADAR
COMPARATIVE STUDIES
YOKOTA AIR BASE
FGLIN AFB
MYRTLE BEACH AFB
SCOTT AFB

NAT U

68 01326
12-A
KLEIN, R. H.
NORTH AMERICAN AVIATION, INC., LOS ANGELES.
FEDERAL AVIATION AGENCY, WASHINGTON, D. C.
SIMULATOR INVESTIGATIONS OF SUPERSONIC
TRANSPORT OPERATING MARGINS, INSTRUMENT
PROCEDURES, HANDLING QUALITIES, AND
LONGITUDINAL STABILITY REQUIREMENTS.#
GENERAL DISTRIBUTION
MAR 1967, 184 P
SUPERSONIC TRANSPORTS
AIRWORTHINESS
PITCH /MOTION/
VELOCITY
JET BOMBERS
MACH NUMBER
ROLL
YAW
LAW
FLIGHT INSTRUMENTS
MATHEMATICAL ANALYSIS
STANDARDS
ALTITUDE
CLIMBING
FLIGHT SIMULATORS
XB70-A AIRCRAFT

R NAT U

68 01331
01-F
SCHINDEL, L. M.
MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
AN EVALUATION OF PROCEDURES FOR CALCULATING
AERODYNAMIC LOADS.# FINAL REPORT /MARCH TO
DECEMBER 1964/.
GOVERNMENT USE ONLY
MAY 1965, 309 P, ILLUS, TABLES, 112 REFS
AF33/615/-1192
AFFDL-TR-65-18
AD-665 433
AERODYNAMIC LOADING
MATHEMATICAL ANALYSIS
AFROELASTICITY
STANDARDS
WING-BODY CONFIGURATIONS
LOAD DISTRIBUTION
ASPECT RATIO
SUBSONIC AIRFOILS
TRANSONIC AIRFOILS
SUPERSONIC AIRFOILS
INTERFERENCE
LINEAR SYSTEMS
GEOMETRIC FORMS
NONLINEAR SYSTEMS
MACH NUMBER
DESIGN
THEORY
EQUATIONS

NAT U

68 01332
01-G
BERMAN, J. H.
SHYPRYKENICH, P.
SMEDFJELD, J. B.
GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE,
N. Y.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL SURFACE CONFIGURATIONS IN
SUBSONIC FLOW.-THEORETICAL DEVELOPMENT.#
PART 1, FINAL REPORT/JUNE 1966 TO SEPTEMBER
1967/.
NO FOREIGN
MAY 1968, 71 P, ILLUS, 28 REFS
AF33/615/-5194
AFFDL-TR-67-117
ADR-06-01-67.1
AD-831 747
AERODYNAMIC FORCES
SUBSONIC FLOW
WINGS
CONTROL SURFACES
INTEGRAL EQUATIONS
LIFT
DOWNWASH
OSCILLATION
PRESSURE
DISTRIBUTION
SERIES
FUNCTIONS
MATHEMATICAL PREDICTION
KEMPEZ FUNCTION

NAT U

68 01333
01-G
BERMAN, J. H.
SHYPRYKENICH, P.
SMEDFJELD, J. B.
KELLY, R. F.
GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE,
N. Y.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL SURFACE CONFIGURATIONS IN
SUBSONIC FLOW.# PART 22, DIGITAL COMPUTER
PROGRAM. FINAL REPORT /JUNE 1966 TO SEPTEMBER
1967/.
NO FOREIGN
MAY 1968, 182 P, ILLUS
AF33/615/-5194
AFFDL-TR-67-117
ADR-06-01-67.1
AD-831 748
AERODYNAMIC FORCES
SUBSONIC FLOW
WINGS
CONTROL SURFACES
DIGITAL COMPUTERS
PROGRAMMING /COMPUTERS/
PROGRAMMING LANGUAGES
FORTRAN IV

NAT U

68 01334
02-J
ECKHARDT, J. F.
FALD, P. L.
KUTMAN, D.
LEVISON, W. H.
BOLT, BERTRAM AND NEWMAN, INC., HARTFORD
CONNECTICUT
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
AN OPTIMAL CONTROL METHOD FOR PREDICTING
CONTROL CHARACTERISTICS AND DESIGN
REQUIREMENTS OF MANEUVERABLE AIRCRAFT.
FINAL REPORT /JULY 1966 TO DECEMBER 1966/
GENERAL DISTRIBUTION
JUN 1968, 170 P, ILLUS, TABLES, REFERENCES
AF33/615/-5194
AFFDL-TR-67-187
AD-831 749
CONTROL SYSTEMS
MATHEMATICAL PREDICTION
VERTICAL TAKE-OFF PLANES
RESEARCH PLANES
MONITORS
DISPLAY SYSTEMS
GAIN
SIMULATION
HOVERING
PILOTS
EXPERIMENTAL DATA
XV-5A AIRCRAFT
FAN-IN-WING
COMPARATIVE STUDIES

68 01335
02-J
LITCHFORD, G. B.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
SYNTHESIS OF A MULTIFUNCTIONAL TACTICAL
LANDING SYSTEM.#
NO FOREIGN
JAN 1968, 189 P, ILLUS, 124 REFS
AF33/615/-3199
AFFDL-TR-67-188
AD-836 771
ALL-WEATHER AVIATION
LANDING
GUIDANCE
VISIBILITY
SYNTHESIS
INSTRUMENT FLIGHT
ARMED FORCES OPERATIONS
BEAMS /ELECTROMAGNETIC/
DESIGN

U

68 01336
02-J
BENEKE, J.
WIGHTMAN, C. W.
CORNELL AERONAUTICAL LAB., INC., BUFFALO.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
GUIDANCE CONCEPTS FOR THE TACTICAL
INSTRUMENT LANDING SYSTEM /TACLAND/.#
NO FOREIGN
JAN 1968, 159 P, ILLUS, 33 REFS
F33615-67-G-1788
AFFDL-TR-67-189
AD-836 759
GUIDANCE
INSTRUMENT LANDINGS
STANDARDS
GROUND SUPPORT EQUIPMENT
AIRBORNE
SCANNING
BEAMS /ELECTROMAGNETIC/
BEACONS
TACLAND /TACTICAL INSTRUMENT LANDING SYSTEM/
COMPARATIVE STUDIES
FIXED BEAMS

NAT U

68 01337 R NAT U
13-A
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
TELECOMMUNICATIONS IN TRANSPORTATION.#
GENERAL DISTRIBUTION
1968, 50 P, ILLUS
TRANSPORTATION
ELECTRONICS
COMMUNICATION SYSTEMS
MAPS
AERONAUTICS
RAILROADS
ROADS
COAST GUARD
AIR TRAFFIC CONTROL SYSTEMS
NAVIGATION
DEPARTMENT OF TRANSPORTATION
TELECOMMUNICATION
HIGHWAY /TRANSPORTATION/
MARINE /TRANSPORTATION/
HIGH SPEED GROUND TRANSPORTATION
SYSTEMS

68 01338 R NAT U
01-C
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
AIRCRAFT NOISE CERTIFICATION ALTERNATIVES.#
GENERAL DISTRIBUTION
SEP 1967, 35 P, TABLES
FEDERAL AVIATION ADMINISTRATION
JET PLANE NOISE
LICENSING
RUNWAYS
STANDARDS
ANALYSIS
MEASUREMENT
AIRCRAFT
DESIGN
OPERATION
LAND USE

68 01339 NAT U
02-I
FEDERAL AVIATION ADMINISTRATION, FLIGHT
STANDARD SERVICE, WASHINGTON, D. C.
SYMPOSIUM ON CRASHWORTHINESS AND PASSENGER
EVACUATION, TRANSPORT CATEGORY AIRCRAFT,
DECEMBER 11-14, 1967.#
GENERAL DISTRIBUTION
DEC 1967, 19 P
SYMPOSIUM
CRASHWORTHINESS
PASSENGERS
JET TRANSPORT PLANES
LAW
ABANDONMENT
EVACUATION

68 01340 R NAT U
08-E
MARTIN, M. M.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
SYSTEMS MAINTENANCE PROGRAM EVALUATION
CONDUCTED IN THE SOUTHWEST REGION MARCH
25-APRIL 12, 1968.#
GENERAL DISTRIBUTION
JUN 1968, 28 P, ILLUS
FEDERAL AVIATION ADMINISTRATION
MAINTENANCE
OPERATIONS RESEARCH
SOUTHWEST REGION

68 01341 R NAT U
06-J
MAUREA, J. J.
BROWN, D. O.
CONNOLLY, D. W.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
EVALUATION OF AUTOMATED TRACON FUNCTIONS.#
FINAL REPORT.
FAA ONLY
APR 1968, 74 P, ILLUS
NA-68-21
RD-67-61
FEDERAL AVIATION ADMINISTRATION
AIRPORT RADAR SYSTEMS
AUTOMATION
AIR TRAFFIC CONTROL SYSTEMS
SIMULATION
TEST METHODS
DATA
STATISTICAL ANALYSIS
COMPUTERS
RADAR BEACONS
TRACON /TERMINAL RADAR CONTROL/
COMPARATIVE STUDIES

68 01342 R NAT U
04-A
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
TECHNICAL PAPERS PREPARED BY FAA FOR IATA
AND ICAO MEETINGS, 1967.#
GENERAL DISTRIBUTION
JAN 1968, 35 P, ILLUS, TABLES
FAA-N-1240.1
FEDERAL AVIATION ADMINISTRATION
ANALYSIS
RUNWAYS
VOLUME
REDUCTION
DELAY
TERMINAL FLIGHT FACILITIES
TAXIWAYS
SUPERSONIC TRANSPORTS
APPROACH
TAKE-OFF
CONFERENCES
NAVIGATION
IATA /INTERNATIONAL AIR TRANSPORT ASSOCIATION/
ICAO /INTL CIVIL AVIATION ORGANIZATION/
AERODROME

68 01343 R NAT U
06-J
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
A PERFORMANCE ANALYSIS OF CIVIL AIR ROUTE
SURVEILLANCE RADAR SYSTEM PERFORMANCE /RIS-SM-
6340-OT/.#
GENERAL DISTRIBUTION
JUN 1968, 19 P, ILLUS, TABLES
FAA-N-6340.10
OPERATION
EFFECTIVENESS
ANALYSIS
CIVIL AVIATION
AIR ROUTES
FEDERAL AVIATION ADMINISTRATION
AIRPORT RADAR SYSTEMS
SEARCH RADAR
RADAR BEACONS
MAINTENANCE
COMPARATIVE STUDIES

R N A T U

Q NAT 11

R N A T U

1990

R N A T U

68 01353 R NAT U
10-C
ENTREKIN, H.
WILSON, J.
TRAVELERS RESEARCH CENTER, INC., HARTFORD.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.

EVALUATION OF THE ATLANTIC CITY MESONET
FOR SHORT RANGE PREDICTION OF AVIATION
TERMINAL WEATHER. # FINAL REPORT.
GENERAL DISTRIBUTION

AUG 1968, 73 P, ILLUS, TABLES, 20 REFS

FA66WA-1536

SRDS-R-68-40

AD-673 683

WEATHER FORECASTING

CLOUD HEIGHT INDICATORS

WIND

RUNWAYS

TERMINAL FLIGHT FACILITIES

FOG

DATA

ANALYSIS

VISION

RANGES /DISTANCE/

MECHANICS

ATLANTIC CITY

MESONET /MESO-METEOROLOGICAL NETWORK/

RVR /RUNWAY VISUAL RANGE/

COMPARATIVE STUDIES

PERSISTENCE

68 01354 R NAT U
07-C
EGGSPUCHLER, J. J.
WEISLOGEL, G. S.
OHIO STATE UNIV., COLUMBUS.
FEDERAL AVIATION ADMINISTRATION, AIRCRAFT
DEVELOPMENT SERVICE, WASHINGTON, D. C.
STUDY TO DETERMINE THE FLIGHT PROFILE AND
MISSION OF THE CERTIFICATED PRIVATE PILOT. #
GENERAL DISTRIBUTION
JUL 1968, 82 P, TABLES
FA67WA-1760
FAA-DS-68-15
AD-675 818
FEDERAL AVIATION ADMINISTRATION
PILOTS
LICENSING
TRAINING
DATA
ANALYSIS
FLIGHT PROFILE

68 01355 R NAT U
11
WOODWARD, R. H.
SPEARS, M. F.
AMBROSENO, B.
DAVIDSON, D.
PICKARD AND BURNS ELECTRONICS, WALTHAM, MASS.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR
OMEGA. # VOLUME I, FINAL REPORT.
GENERAL DISTRIBUTION
MAR 1968, 111 P, ILLUS, TABLES
FA65WA-1298
SRDS-RD-68-17
AD-675 504
VERY LOW FREQUENCY
AIRBORNE
NOISE /RADIO/
AIRPLANE ANTENNAS
RADIO NAVIGATION
HYPERBOLIC NAVIGATION
LOOP ANTENNAS
PRECIPITATION STATIC
MATHEMATICAL ANALYSIS
GLOBAL COMMUNICATION SYSTEMS

68 01356 R NAT U
01-C
OLLERHEAD, J. R.
WYLE LABS. RESEARCH STAFF, MONTSVILLE, ALA.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
NOISE ABATEMENT, WASHINGTON, D. C.
SUBJECTIVE EVALUATION OF GENERAL AVIATION
AIRCRAFT NOISE. # TECHNICAL REPORT.
GENERAL DISTRIBUTION
JUL 1968, 107 P, ILLUS, TABLES, 14 REFS
FA67WA-1731

FAA-TN-68-35

AD-673 987

GENERAL AVIATION AIRCRAFT

AIRPLANE NOISE

STATISTICAL ANALYSIS

JET TRANSPORT PLANES

DOPPLER EFFECT

MODIFICATION KITS

DATA

TEST METHODS

COMPARATIVE STUDIES

SUBJECTIVE RATINGS

PERCEIVED NOISE LEVEL

68 01357 R NAT U
04-A
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
AIR FORCE DEVELOPMENT TASK FORCE. #
GENERAL DISTRIBUTION
JUN 1968, 50 P
FEDERAL AVIATION ADMINISTRATION
AIRPORTS
DESIGN
URBAN AREAS
AIR TRAFFIC
SHORT TAKE-OFF PLANES
FEASIBILITY STUDIES
GENERAL AVIATION AIRCRAFT
RUNWAYS
VISUAL FLIGHT
INSTRUMENT FLT
VOLUME
DELAY
NEW YORK METROPOLITAN AREA
KENNEBY AIRPORT
LAGUARDIA AIRPORT
NEWARK AIRPORT

68 01358 R NAT U
04-F
PHILLIPS, C. B.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
TESTING MONSANTO CHEMICAL DE-ICER
10-13526. # INTERIM REPORT.
GENERAL DISTRIBUTION
MAR 1968, 11 P, TABLES
FAA-NA-68-12
RD-67-19
AD-675 129
FEDERAL AVIATION ADMINISTRATION
DE-ICING MATERIALS
COLD WEATHER TESTS
RUNWAYS
AIRPORTS
UREA
ICE PREVENTION
SNOW REMOVAL
COMPARATIVE STUDIES
MONSANTO 10-13528
UREA PELLETS

68 01359 R NAT U
 11
 MARSHALL, F. W.
 FEDERAL AVIATION ADMINISTRATION, NATIONAL
 AVIATION FACILITIES EXPERIMENTAL CENTER,
 ATLANTIC CITY.
 LOW-COST RUNWAY GUIDANCE /WORLDWIDE 117.0
 FINAL REPORT.
 GENERAL DISTRIBUTION
 JUL 1968, 16 P, ILLUS, TABLES
 FAA-NA-68-19
 AD-68-31
 AD-672 197
 FEDERAL AVIATION ADMINISTRATION
 COAST
 RUNWAYS
 GUIDANCE
 VOR /VHF OMNIDIRECTIONAL RADIO RANGE/
 LOCALIZERS
 FLIGHT TESTING
 APPROACH INDICATORS
 COURSE INDICATORS
 DATA
 FEASIBILITY STUDIES

68 01360 R NAT U
 02-J
 VREULS, D.
 MONROE, R.
 SEMPLE, C. A.
 HUNKER-RAMO CORP., CANOGA PARK, CALIF.
 FEDERAL AVIATION ADMINISTRATION, SYSTEMS
 RESEARCH AND DEVELOPMENT SERVICE,
 WASHINGTON, D. C.
 SUMMARY OF ALL WEATHER LANDING SIMULATION
 STUDIES.8 FINAL REPORT.
 GENERAL DISTRIBUTION
 FEB 1968, 62 P, TABLES
 FA67WA-1700
 SHDS-RN-RD-68-13
 AD-671 803
 ALL-WEATHER AVIATION
 LANDING
 FLIGHT SIMULATORS
 JET TRANSPORT PLANES
 COCKPITS
 DISPLAY SYSTEMS
 VISUAL SIGNALS
 APPROACH
 OPTIMIZATION
 CONTROL SYSTEMS
 STATISTICAL ANALYSIS
 PILOT WARNING INDICATORS
 PILOTS
 INSTRUMENT LANDINGS
 FLIGHT DIRECTOR SYSTEMS
 STR /SIMULATOR FOR TRANSPORT INSTR RSCH/

68 01361 R NAT U
 02-J
 SEMPLE, C. A.
 STEWART, S. W.
 BARRETT, S. F.
 NICHOLS, D. F.
 HUNKER-RAMO CORP., CANOGA PARK, CALIF.
 FEDERAL AVIATION ADMINISTRATION, SYSTEMS
 RESEARCH AND DEVELOPMENT SERVICE,
 WASHINGTON, D. C.
 EFFECTS OF A 100-FOOT OPTION ALTITUDE
 RULE AND AN ANNUNCIATOR PANEL ON PILOT
 DETECTION, GO AROUND DECISION, AND LANDING
 PERFORMANCE.8 PHASE III, FINAL REPORT.
 GENERAL DISTRIBUTION
 FEB 1968, 69 P, ILLUS, TABLES
 FA67WA-1700
 PROJ-4AA-320-212-09N
 SHDS-RN-RD-68-11
 AD-672 037
 FLIGHT SIMULATORS
 INSTRUMENT LANDINGS
 MALFUNCTIONS
 FLIGHT CONTROL SYSTEMS
 DISPLAY SYSTEMS
 WARNING SYSTEMS
 WIND
 ALTITUDE
 DETECTION
 PILOTS
 APPROACH
 STATISTICAL ANALYSIS
 OPTION ALTITUDE RULE
 ANNUNCIATOR PANEL

68 01362 R NAT U
 02-M
 CONWAY, R.
 FEDERAL AVIATION ADMINISTRATION, NATIONAL
 AVIATION FACILITIES EXPERIMENTAL CENTER,
 ATLANTIC CITY.
 VTOL AND STOL SIMULATION STUDY.8 FINAL
 REPORT.
 GENERAL DISTRIBUTION
 APR 1968, 48 P, ILLUS, TABLES
 NA-R-68-21
 AD-670 006
 FEDERAL AVIATION ADMINISTRATION
 VERTICAL TAKE-OFF PLANES
 SHORT TAKE-OFF PLANES
 AIR TRAFFIC CONTROL SYSTEMS
 SIMULATION
 APPROACH
 VELOCITY
 GLIDE PATH
 SEPARATION
 STANDARDS
 ATC TERMINAL AREA
 AIRPORTS

68 01363 R NAT U
09-D
WEINBERG, H. P.
VALUE ENGINEERING CO., ALEXANDRIA, VA.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
METALLURGICAL EVALUATION OF AIRCRAFT
EXHAUST SYSTEM COMPONENTS FAILED DURING
GROUND TEST PROGRAM.# FINAL REPORT.
GENERAL DISTRIBUTION
APR 1968, 72 P, ILLUS, TABLES
FAA7NF-210
NA-68-22
DS-68-10
AD-672 034
ANALYSIS
GENERAL AVIATION AIRCRAFT
EXHAUST SYSTEMS
MALFUNCTIONS
FAILURE /MECHANICS/
CHEMICAL ANALYSIS
STAINLESS STEEL
TITANIUM ALLOYS
CHROMIUM ALLOYS
OPERATION
FAILURE /MECHANICS/
METALLURGY
COMPARATIVE STUDIES

68 01364 R NAT U
02-D
SIUSNER, G. W.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
RECTIFYING ENGINE AND EXHAUST VIBRATION
AND TEMPERATURE LEVELS IN GENERAL AVIATION
AIRCRAFT.# FINAL REPORT.
GENERAL DISTRIBUTION
JUN 1968, 37 P, ILLUS
NA-68-27
DS-68-81
AD-671 894
GENERAL AVIATION AIRCRAFT
EXHAUST SYSTEMS
VIBRATION
AIRPLANE ENGINES
TEMPERATURE
METALS
FLIGHT TESTING
HEAT EXCHANGERS
TEST METHODS
STANDARDS
DATA
FEDERAL AVIATION ADMINISTRATION
MUFFLERS /ENGINES AND ENGINE OPERATION/

68 01365 R NAT U
04-E
SCHULTER, C. L.
BROMLEY, E. JR.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
A DISCUSSION ON RUNNER-BLADED SNOWPLOWS
AND AERIAL SEEDING OF RUNWAYS.# MEMORANDUM
REPORT.
FAA ONLY
AUG 1968, 7 P, 10 REFS
SNOW VEHICLES
RUNNER
RUNWAYS
LIGHTING EQUIPMENT
SNOW REMOVAL
UREA
DE-ICING MATERIALS
BLADES
AERIAL SEEDING

68 01366 NAT U
03-A
AIR TRANSPORT ASSN. OF AMERICA, EASTERN
REGIONAL OPERATIONS OFFICE, JAMAICA, N. Y.
NEW YORK AIR TRAFFIC DELAY STUDY.#
GENERAL DISTRIBUTION
FEB 1968, 43 P, ILLUS
AIR ROUTE TRAFFIC CONTROL CENTERS
DELAY
AIRPORTS
RADAR EQUIPMENT
RELIABILITY
COMMUNICATION SYSTEMS
AIRSPACE
AIR ROUTES
HOLDING PATTERNS
METEOROLOGICAL RADAR
PERSONNEL
NEW YORK
JFK INTERNATIONAL AIRPORT
LAGUARDIA AIRPORT
NEWARK

68 01368 NAT U
04-C
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
DEVELOPMENT, TESTING AND EVALUATION OF
VISUAL LANDING AIDS.# CONSOLIDATED PROGRESS
REPORT FOR THE PERIOD 1 JULY TO 30 SEPTEMBER
1967.
GENERAL DISTRIBUTION
DEC 1967, 12 P, ILLUS
NBS-9661
VISION
LANDING AIDS
METERS
NAVIGATIONAL LIGHTS
APPROACH LIGHTS
FOG
DETECTORS
LAMPS

68 01369 NAT U
02-G
BYNUM, J. A., CAPT.
BAILEY, R. W., LTC.
CROSBY, J. K., MAJ.
NIX, M. S., JR., MAJ.
ARMY AEROMEDICAL RESEARCH UNIT,
FORT RUCKER, ALA.
DEVELOPMENT OF A PAINT SCHEME FOR
INCREASING HELICOPTER CONSPICUITY.#
GENERAL DISTRIBUTION
SEP 1967, 12 P, TABLES, 11 REFS
USAAHU-R-68-1
AD-673 118
PAINTS
HELICOPTER ROTORS
COLOR VISION
PERCEPTION
STATISTICAL ANALYSIS
CONSPICUITY
COMPARATIVE STUDIES

68 01370
02-K
GLASENAPP, R. K.
GAFFNEY, W. C.
BOEING CO., RENTON, WASH.
FAILURE ANALYSIS MODEL 737 BRAKE AND
ANTI-SKID SYSTEMS.
GENERAL DISTRIBUTION
FEB 1967, 71 P, ILLUS
DN-14074
MODELS /SIMULATIONS/
MECHANICS
HYDRAULIC SYSTEMS
ELECTRIC POWER PRODUCTION
MALFUNCTIONS
BRAKES
LANDING GEAR
FAIL-SAFE
DESIGN
ANALYSIS

NAT U

68 01371
07-C
BERNER, C.
CUNNEY, J.
RAYTHEON CO. EQUIPMENT DIV., WYLAND, MASS.
A METHOD FOR GENERATING TELEVISION MOSAIC
DISPLAY.
GENERAL DISTRIBUTION
196-, 20 P, ILLUS
TELEVISION DISPLAY SYSTEMS
MULTIPLE OPERATION
RADAR
SYNCHRONIZATION ELECTRONICS
ELECTROMAGNETIC PULSES
PLAN POSITION INDICATORS

NAT U

68 01372
01-C
CAHILL, J. F.
COOPER, B. L.
LOCKHEED-GEORGIA CO., MARIETTA, GA.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
FLIGHT TEST INVESTIGATION OF TRANSONIC
SHOCK-BOUNDARY LAYER PHENOMENA. VOLUME II,
TECHNICAL REPORT.
NO FOREIGN
JUL 1968, 220 P, ILLUS, 2 REFS
F33615-67-C-1777
AFFDL-TR-68-84
AD-836 289
FLIGHT TESTING
TRANSONIC FLOW
SHOCK WAVES
JET TRANSPORT PLANES
BOUNDARY LAYER
TEST METHODS
DATA
REDUCTION
C-141 AIRCRAFT

NAT U

68 01373
07-C
KEWELL, F. O.
COMBELL AERONAUTICAL LAB., INC., BUFFALO,
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
HUMAN TRANSFER CHARACTERISTICS IN FLIGHT
AND GROUND SIMULATION FOR THE ROLL TRACKING
TASK.
GENERAL DISTRIBUTION
APR 1968, 64 P, ILLUS, 18 REFS
AFFDL-TR-67-30
AD-67 540
HUMAN ENGINEERING
FLIGHT SIMULATORS
PILOTS
DYNAMICS
CONTROL
ROLL
TRACKING
-DB ANALYSIS
MATHEMATICAL ANALYSIS
DATA

NAT U

68 01374
04-B
BERTRAM, H. L.
BENZING, R. J.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
LONG TERM PERFORMANCE CAPABILITIES OF
HYDRAULIC FLUIDS.
GOVERNMENT AGENCIES ONLY
MAR 1968, 31 P, ILLUS, TABLES
AFNL-TR-67-365
AD-834 759L
HYDRAULIC FLUIDS
OPERATION
MINERAL OILS
SEALS /STOPPERS/
HYDRAULIC PRESSURE PUMPS
SHEAR STRESSES
STABILITY
LUBRICANTS
TEST METHODS
EFFECTIVENESS
LONG-TERM

NAT U

68 01375
04-J
GILLISPIE, C. M.
RAYTHEON CO., NORWOOD, MASS.
ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
N. Y.
EXPERIMENTAL RADAR REMOTING MULTIPLEXER
/DEMUTIPLEXER SET. FINAL REPORT /29 MARCH
1967 TO 29 FEBRUARY 1968/.
NO FOREIGN
JUL 1968, 28 P, ILLUS
F30402-67-C-0256
PROJ-6523
TASK-652304
RADC-TR-68-206
AD-838 310
RADAR EQUIPMENT
MULTIPLEX
MICROWAVE EQUIPMENT
FEASIBILITY STUDIES
INTEGRATED CIRCUITS
PORTABLE
MODULES /ELECTRONIC/

NAT U

68 01376 NAT U
10-A
AIR WEATHER SERVICE, SCOTT AFB, ILL.
ENVIRONMENTAL-MEASURING EQUIPMENT USED
BY AIR WEATHER SERVICE IN SUPPORT OF AIR
FORCE AND ARMY OPERATIONS.0 FIRST EDITION.
NO FOREIGN
AUG 1967, 243 P
AD-822 895
ENVIRONMENTAL TESTS
METEOROLOGICAL INSTRUMENTS
MEASUREMENT
ARMED FORCES OPERATIONS

68 01377 NAT U
10-A
WINNER, D. C., LT. COL., USAF.
AIR FORCE ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER, WASHINGTON, D. C.
AIR WEATHER SERVICE, SCOTT AFB, ILL.
CLIMATOLOGICAL ESTIMATES OF CLOCK-HOUR
RAINFALL RATES.0
GENERAL DISTRIBUTION
JUN 1968, 26 P, ILLUS, REFS
AWS-TR-202
AD-672 221
RAINFALL
CLIMATOLOGY
TROPICAL REGIONS
MICROWAVE COMMUNICATION SYSTEM
ATTENUATION
CLOCK-HOUR
RATES
TEMPERATE REGIONS

68 01378 NAT U
10-H
APPLEMAN, H. S.
AIR WEATHER SERVICE, SCOTT AFB, ILL.
FIRST REPORT ON THE AIR WEATHER SERVICE
WEATHER-MODIFICATION PROGRAM /APRIL 1968/.0
GENERAL DISTRIBUTION
MAY 1968, 13 P, ILLUS
AWS-TR-203
AD-671 995
FOG
SCATTERING
WEATHER STATIONS
MODIFICATION KITS
ENVIRONMENTAL TESTS
TEST METHODS

68 01379 NAT U
10-A
JAMON, T. D., MAJ., USAF.
AIR FORCE ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER, WASHINGTON, D. C.
AIR WEATHER SERVICE, SCOTT AFB, ILL.
INTERRELATION OF IONOSPHERIC SPORIC E
WITH THUNDERSTORMS AND JET STREAMS.0
GENERAL DISTRIBUTION
MAY 1968, 24 P, ILLUS, TABLES, 24 REFS
AWS-TR-204
AD-672 028
IONOSPHERE
THUNDERSTORMS
JET STREAMS /METEOROLOGY/
DATA
STATISTICAL ANALYSIS
IONOSPHERIC LAYER

68 01380 NAT U
10-A
ALDEN, R. F.
BARNETT, A. M.
BAUMHEFER, D. P.
BRODLEY, E., JR.
CLAYTON, M. M.
CORRUM, R. C.
DEISINGER, D. A.
DUGGAN, F. F., JR.
EDELSTEIN, M.
AIR WEATHER SERVICE, SCOTT AFB, ILL.
ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J.
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J. 17 APRIL - 1
MAY 1968.0
NO FOREIGN
JUL 1968, 177 P, ILLUS
AWS-TR-207
AD-836 556
CONFERENCES
METEOROLOGY
ARMED FORCES OPERATIONS
METEOROLOGICAL SATELLITES
MEASUREMENT
SENSING ELEMENTS
WEATHER SYSTEMS /AERONAUTICS/
ANALYSIS
MODIFICATION KITS
MAIL
VISIBILITY
WIND
SIMULATION
MATHEMATICAL PREDICTION

68 01381 NAT U
10-C
MCCABE, J. T., COL., USAF.
AIR FORCE ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER, WASHINGTON, D. C.
AIR WEATHER SERVICE, SCOTT AFB, ILL.
ESTIMATING CONDITIONAL PROBABILITY
AND PERSISTENCE.0
GENERAL DISTRIBUTION
JUN 1968, 20 P, ILLUS, TABLES, 6 REFS
AWS-TR-208
AD-671 506
METEOROLOGY
MATHEMATICAL PREDICTION
PROBABILITY
STATISTICAL ANALYSIS
MATHEMATICAL MODELS
CLIMATOLOGY
PERSISTENCE
ELLIPTICAL DISTRIBUTIONS
DURATION

68 01382 NAT U
08-A
SUZAKI, G.
NATIONAL BUREAU OF STANDARDS, WASHINGTON,
D. C.
QUANTITATIVE METHODS FOR MANAGEMENT.0
GENERAL DISTRIBUTION
MAY 1967, 25 P, ILLUS, 19 REFS
NBS-TN-614
OPERATIONS RESEARCH
MATHEMATICAL MODELS
MANAGEMENT ENGINEERING
DECISION MAKING
ELOCATION
QUANTITATIVE ANALYSIS /ABSTRACT CONCEPTS/

68 01384 NAT U
 02-A
 RHEING. COLL. RENTON, WASH.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
 AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
 STUDY OF AIRCRAFT IN SHORT HAUL
 TRANSPORTATION SYSTEMS. VOLUME 1.
 FINAL REPORT.
 GENERAL DISTRIBUTION
 AUG 1967, 225 P, ILLUS, TABLES
 NAS2-3862
 DA-7-2-7-1
 CR-7-129
 NG7-3352
 TRANSPORTATION
 OPERATIONS RESEARCH
 ECONOMICS
 AIRCRAFT
 CONFIGURATION
 AERODYNAMICS
 PROPULSION
 NOISE
 STRUCTURES
 WEIGHT
 DATA
 ANALYSIS
 TECHNOLOGICAL INTELLIGENCE
 VOLUME
 SHORT HAUL
 SUITABILITY

68 01385 NAT U
 02-1
 RADIO TECHNICAL COMMISSION FOR AERONAUTICS,
 WASHINGTON, D. C.
 AIRCRAFT OWNERS AND PILOTS ASSN., BETHEDA, MD.
 NATIONAL ASSN. OF STATE AVIATION OFFICIALS,
 WASHINGTON, D. C.
 NATIONAL CONFERENCE ON AIRCRAFT LOCATION
 REASON IMPLEMENTATION, WASHINGTON, D. C.,
 APRIL 3-4, 1968.
 GENERAL DISTRIBUTION
 APR 1968, 143 P, ILLUS, TABLES
 CONFERENCES
 AIRCRAFT
 DETECTORS
 BEACONS
 AIR SEA RESCUES
 CRASHWORTHINESS
 RADIO EQUIPMENT
 OCEANS
 CIVIL AVIATION
 PATROL PLANES
 GENERAL AVIATION AIRCRAFT
 JUNGLES
 EMERGENCY PROCEDURES
 SEARCH /OPERATIONS/

68 01405 NAT U
 02-G
 UNITED AIRCRAFT CORP. STRATFORD AIRCRAFT LTD.,
 STRATFORD, CONN.
 FLIGHT TEST PROGRESS REPORT, 5-618 /NH-117
 COMPOUND CONFIGURATION WITH FIVE S. BLADES.
 GENERAL DISTRIBUTION
 MAR 1966, 128 P, ILLUS, TABLES
 NDW64-0528F
 SEN-611145
 AD-485 6401
 FLIGHT TESTING
 HELICOPTERS
 CONFIGURATION
 ROTOR BLADES /ROTARY WINGS/
 TURBOJET ENGINE
 THRUST
 ELEVATION
 WINGS
 FLAPS
 STABILIZATION SYSTEMS
 JET PROPULSION
 VELOCITY
 TEST METHODS
 DATA
 ANALYSIS
 5-618/NH-3A/HELICOPTER

68 01387 NAT U
 05-F
 LIPPERT, S.
 ISRAEL INST. OF TECH., HAIFA.
 DEPT. OF AERONAUTICAL ENGINEERING.
 ESTIMATED BODY DIMENSIONS OF THE ADULT
 MALE JEWISH POPULATION OF ISRAEL.
 GENERAL DISTRIBUTION
 JUN 1965, 63 P, TABLES
 111-TAE-40
 AVIATION MEDICINE
 BODY WEIGHT
 POPULATION
 HUMAN ENGINEERING
 DATA
 DESIGN
 AGING /PHYSIOLOGY/
 STATISTICAL ANALYSIS
 HEIGHT /DIMENSIONS/
 ADULT MALES
 JEWISH
 REGION-OF ORIGIN
 COMPARATIVE STUDIES

68 01388 NAT U
 01-C
 NIEVNLAND, G. Y.
 NATIONAL AEROSPACE LAB., AMSTERDAM.
 TRANSONIC POTENTIAL FLOW AROUND A FAMILY
 OF QUASI-ELLIPTICAL AEROFOIL SECTIONS.
 GENERAL DISTRIBUTION
 JUL 1967, 68 P, ILLUS, TABLES
 NLR-TR-T.172
 N68-16609
 TRANSONIC FLOW
 AIRFOILS
 INTEGRAL TRANSFORMS
 OPERATORS /MATHEMATICS/
 SERIES
 THEORY
 QUASI-ELLIPTICAL
 HOLOGRAPH THEORY

68 01389 NAT U
01-F
SEWELL, R. T.
CANADA, NATIONAL RESEARCH COUNCIL, OTTAWA.
LOW ALTITUDE FLIGHT LOAD SPECTRA FOR LIGHT
AIRCRAFT.#
GENERAL DISTRIBUTION
DEC 1967, 34 P, ILLUS, TABLES
NRC-NAE-LR-495
N6R-27090
LOW ALTITUDE
FLIGHT TESTING
GUST LOADS
GENERAL AVIATION AIRCRAFT
FATIGUE /MECHANICS/
DATA
ANALYSIS
AERO COMMANDER 680-F AIRCRAFT
A-23-250 AIRCRAFT
F-4A-112 AIRCRAFT
F-4E-112 AIRCRAFT

68 01390 NAT U
01-G
JOHANSSON, H.
SWEDEN, AERONAUTICAL RESEARCH INST.
OELVONDA.
LIFTING-LINE THEORY FOR SUBSONIC SHEAR
FLOW.#
GENERAL DISTRIBUTION
OCT 1967, 19 P, ILLUS, 16 REFS
FAA-R-114
A-135-724
SUBSONIC FLOW
SHEAR STRESSES
SERIES
LINEAR SYSTEMS
WINGS
MACH NUMBER
PERTURBATION THEORY
LIFT
DRAG
DISTRIBUTION
LIFTING LINE
SPANWISE

68 01391 NAT U
12-G
LUNDBERG, B. K.
DRESSLER, R. F.
LAGMAN, S.
SWEDEN, AERONAUTICAL RESEARCH INST.,
OELVONDA.
ATMOSPHERIC MANIPULATION OF SONIC BOOMS IN
THE OKLAHOMA TESTS.#
GENERAL DISTRIBUTION
JUN 1967, 17 P, ILLUS, 14 REFS
FAA-R-112
AD-R35 723
SONIC BOOM
TESTS
CRUISING
ALTITUDE
ENERGY
DISTRIBUTION
OKLAHOMA CITY
MAGNIFICATIONS
OVER PRESSURE
CURVES /MATHEMATICS/

68 01393 NAT U
02-D
HERBERT, M. V.
SMITH, D. J. L.
GT. BRIT. NATIONAL GAS TURBINE ESTABLISHMENT,
PYESTOCK HANTS, ENGLAND.
INVESTIGATION ON AN EXPERIMENTAL
SINGLE-STAGE TURBINE OF CONSERVATION DESIGN.
PART III, COMPARISON BETWEEN TEST PERFORMANCE
AND COMPUTER PREDICTIONS USING A
ROUGH-FLOW ANALYSIS.# TECHNICAL REPORT.
GENERAL DISTRIBUTION
JUN 1968, 20 P, ILLUS, TABLES
N6R-302
AD-R34 534
AXIAL-FLOW TURBINES
COMPUTERS
PROGRAMMING /COMPUTERS/
ANALYSIS
OPERATION
EFFECTIVENESS
DESIGN
VELOCITY
MATHEMATICAL PREDICTION
EXPERIMENTAL DATA
COMPARATIVE STUDIES
SINGLE-STAGE
THROUGH-FLOW

68 01394 NAT U
02-H
HOPKIN, H. R.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
PROPOSAL FOR THE UNAMBIGUOUS DISPLAY OF
A QUANTITY OVER A WIDE RANGE BY MEANS OF
CONTRA-MOVING POINTER AND SCALE.# TECHNICAL
REPORT.
GENERAL DISTRIBUTION
DEC 1966, 13 P, ILLUS
RAE-TR-66384
N67-35993
DISPLAY SYSTEMS
SCALE
READING
RANGES /DISTANCE/
CONTRA-MOVING POINTER
UNAMBIGUOUS

68 01395 NAT U
01-C
SELLS, C. C. L.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
PLANE SUBCRITICAL FLOW PAST A LIFTING
AEROFOIL.# TECHNICAL REPORT.
NO FOREIGN
JUN 1967, 31 P, 17 REFS
RAE-TR-67146
AD-R36 925
SUBSONIC FLOW
AIRFOILS
CONFORMAL MAPPING
DIFFERENTIAL EQUATIONS
TWO-DIMENSIONAL FLOW
STREAM FUNCTION
BERNOULLI'S EQUATION

68 01396 NAT U
01-F
TAYLOR, A. S.
ECKFORD, D. J.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
AIRCRAFT LOADING ACTIONS PROBLEMS-
PROCEEDINGS OF A SYMPOSIUM HELD AT
FARNBOROUGH, OCTOBER 28, 1966.8 TECHNICAL
REPORT.
NO FOREIGN
JUL 1967, 102 P, ILLUS. 2 REFS
RAE-TR-67166
AD-832 412
SYMPOSIUM
AIRCRAFT
LOADING /MECHANICS/
DESIGN
AERODYNAMICS
DATA
FLIGHT
MANEUVERABILITY
MEASUREMENT
OPERATIONS RESEARCH
GROUND
ASYMMETRIC

68 01397 NAT U
01-G
MABEY, D. G.
ILOIT, G. P.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE LONGITUDINAL CHARACTERISTICS OF
THREE SLENDER-MILD OGEE- WINGS AT MACH
NUMBERS FROM 0.4 TO 2.00 TECHNICAL REPORT.
NO FOREIGN
AUG 1967, 27 P, ILLUS. 16 REFS
RAE-TR-67202
AD-832 413L
WIND TUNNELS
MEASUREMENT
LIFT
PITCH /MOTION/
DRAG
CAMBER
SLENDER WINGS
MACH NUMBER
DESIGN
VERTICES
MILITARY PLANNING

68 01400 NAT U
01-G
MILCOCK, G. H.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
TRANSIENT AND STEADY STATE ANALYSIS
INVERTER SUPPLIED INDUCTION MOTORS.8
TECHNICAL REPORT.
NO FOREIGN
OCT 1967, 33 P, ILLUS. 7 REFS
RAE-TR-67252
AD-829 309L
TRANSIENTS
ANALYSIS
INDUCTION SYSTEMS
MOTOR GENERATORS
EQUATIONS
TORQUE
EFFECTIVENESS
STEADY STATE
INVERTERS
TWO-PHASE
THREE-PHASE

68 01401 NAT U
07-A
POPE, G. G.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE DESIGN OF OPTIMUM STRUCTURES OF
SPECIFIED BASIC CONFIGURATION.8
NO FOREIGN
NOV 1967, 20 P, ILLUS. 14 REFS
RAE-TR-67204
AD-833 056
DESIGN
NONLINEAR SYSTEMS
PROGRAMMING /COMPUTERS/
OPTIMIZATION
STRUCTURES
EQUATIONS
CONFIGURATION

68 01402 NAT U
01-G
GOLDBRITH, E. L.
EVANS, M. A.
SMITH, C. V. F.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE EFFECT OF COMBINED BOUNDARY LAYER
JUNCTION AND BASED BLEED ON THE DRAG
COEFFICIENT AT M=2.50.8 TECHNICAL REPORT.
NO FOREIGN
AUG 1967, 25 P, ILLUS. 11 REFS
RAE-TR-67215
AD-832 884
MACH NUMBER
LAMINAR BOUNDARY LAYER
SUCTION SLOTS
CONICAL BODIES
DRAG
SKIN
FRICTION
SUPersonic WIND TUNNELS
BASE BLEED
BOATTAIL ANGLES

68 01403 NAT U
01-G
GOLDBRITH, E. L.
EVANS, M. A.
SMITH, C. V. F.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE EFFECT OF COMBINED BOUNDARY LAYER
JUNCTION AND BASED BLEED ON THE DRAG
COEFFICIENT AT M=2.50.8 TECHNICAL REPORT.
NO FOREIGN
AUG 1967, 25 P, ILLUS. 11 REFS
RAE-TR-67215
AD-832 884
MACH NUMBER
LAMINAR BOUNDARY LAYER
SUCTION SLOTS
CONICAL BODIES
DRAG
SKIN
FRICTION
SUPersonic WIND TUNNELS
BASE BLEED
BOATTAIL ANGLES

68 01402 NAT U
 01-G
 WYATT, I. A.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 SUMMARY OF LOW-SPEED WIND-TUNNEL TESTS OF A
 WING FITTED WITH MULTIPLE LIFTING FANS.#
 NO FOREIGN
 DEC 1967, 5 P, ILLUS
 RAE-TR-67302
 AD-832 446
 WIND TUNNELS
 WINGS
 FANS
 VELOCITY
 LIFT
 DRAG
 PITCH / MOTION/
 LOW SPEED
 RATIO
 INCIDENCE
 ARRAYS

68 01403 NAT U
 02-J
 PIGGETT, R. A. G.
 PHILLEN, D. M.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 PROGRAMMES FOR ANALYSING THE SHORT TAKE-OFF
 PERFORMANCE OF DEFLECTED-JET AIRCRAFT.#
 NO FOREIGN
 NOV 1967, 23 P, ILLUS, TABLE, 2 REFS
 RAE-TR-67304
 AD-838 028
 TAKE-OFF
 OPERATION
 EFFECTIVENESS
 DEFLECTION
 JET PLAMES
 ANALYSIS
 EQUATIONS
 PROGRAMMING /COMPUTERS/
 HORIZONTAL DISTANCE
 HEIGHT

68 01404 NAT U
 06-J
 JAMES, P. M.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 FALSE ALARM AND FALSE DISMISSAL
 PROBABILITIES FOR A RADAR SEARCHING A WIDE
 INTERVAL OF RANGE.#
 NO FOREIGN
 DEC 1967, 42 P, ILLUS, 8 REFS
 RAE-TR-67318
 AD-832 878L
 WARNING SYSTEMS
 PROBABILITY
 SEARCH RADAR
 RANGES /DISTANCE/
 TARGETS
 COSTS
 ATTENUATION
 SIGNALS
 FALSE
 DISMISSAL
 BAYES DECISION RULE

68 01405 NAT U
 01-C
 BROADBENT, E. G.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 A CLASS OF TWO-DIMENSIONAL FLOWS WITH
 HEAT ADDITION.#
 NO FOREIGN
 JAN 1968, 23 P, ILLUS, 4 REFS
 RAE-TR-68005
 AD-833 053
 HEAT
 EQUATIONS
 MOTION
 VISCOSITY
 SUPERSONIC FLOW
 TWO-DIMENSIONAL FLOW
 ADDITION
 INVISCID

68 01406 NAT U
 06-M
 LIXE, E.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 INSERTION LOSS MEASUREMENT TO ASSESS THE
 PERFORMANCE OF A VHF/UHF SWITCHING DIODE.#
 NO FOREIGN
 JAN 1968, 15 P, ILLUS, TABLES, 1 REF
 RAE-TR-68001
 AD-835 926
 MEASUREMENT
 OPERATION
 EFFECTIVENESS
 VERY HIGH FREQUENCY
 ULTRA HIGH FREQUENCY
 DIODES
 INSERTION LOSS
 SWITCH

68 01407 NAT U
 04-B
 WITTINGHAM, R. A.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 ROTARY HYDRAULIC ARRESTER GEAR MK.1 TESTS
 TO INVESTIGATE THE EFFECT OF INSTALLING A GEAR
 WITH A SPLIT DISTANCE OF 250 FEET.#
 NO FOREIGN
 JAN 1968, 9 P, ILLUS
 RAE-TR-68018
 AD-833 026L
 HYDRAULIC SYSTEMS
 ARRESTING GEAR
 INSTALLATION
 RUNWAYS
 TAPES
 DISTANCE
 ROTARY
 PURCHASE

68 01409 NAT U
 06-E
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
 WASHINGTON, D. C.
 PROJECT DIOSCURES - A SYSTEM OF CONTROL AND
 AERIAL NAVIGATION FOR SATELLITES.#
 GENERAL DISTRIBUTION
 APR 1967, 137P, ILLUS, 15 REFS
 NASA-TT-F-10,844
 NAVIGATION
 COMMUNICATION SATELLITES /ACTIVE/
 AIR TRAFFIC CONTROL SYSTEMS
 RANGES /DISTANCE/
 MEASUREMENT
 AIRCRAFT EQUIPMENT
 GROUND SUPPORT EQUIPMENT
 COSTS
 GROUND STATIONS

68 01411 NAT U
08-D
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
STORAGE AND RETRIEVAL OF INFORMATION.
A USER-SUPPLIER DIALOGUE.
GENERAL DISTRIBUTION
JUN 1968, 30 P, ILLUS
AGARD-EXT-SUMM-2
N68-33247
STORAGE
INFORMATION RETRIEVAL
COMMUNICATION SYSTEMS
PATTERN RECOGNITION
DATA PROCESSING SYSTEMS
COSTS
EFFECTIVENESS
MAN-MACHINE SYSTEMS
EDUCATION
MOTIVATION
MANUAL SYSTEMS
MECHANIZED SYSTEMS
USER-SUPPLIER

68 01412
02-N
WRIGHT, R. H.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
TEST SECTIONS FOR SMALL THEORETICAL WIND-
TUNNEL-BOUNDARY INTERFERENCE ON V/STOL
MODELS.
GENERAL DISTRIBUTION
AUG 1968, 85 P, ILLUS 17 REFS
CFSTI HC \$3.00
NASA-TR-4-286
N68-31592
WIND TUNNEL MODELS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
BOUNDARY LAYER
INTERFERENCE
CONFIGURATION
HELICOPTER ROTORS
LIFT
TAILS /AIRCRAFT/
WAKE
AERODYNAMIC SLOTS
UPWASH
WIDTH /DIMENSIONS/

68 01414 NAT U
12-G
SCHWARTZ, I. R.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
SECOND CONFERENCE ON SONIC BOOM RESEARCH,
WASHINGTON, D. C., MAY 9, 10, 1968.
GENERAL DISTRIBUTION
1968, 193 P, ILLUS
NASA-SP-180
N68-34907
CONFERENCES
SONIC BOOM
ATMOSPHERE
PRESSURE
ALTITUDE
MACH NUMBER
CONFIGURATION
DESIGN
MATHEMATICAL ANALYSIS
DIGITAL COMPUTERS
REDUCTION
ELECTROMAGNETIC WAVES
DIFFERENTIAL EQUATIONS
NONLINEAR SYSTEMS
ACOUSTICS
PROPAGATION
THEORY
INTENSITY

68 01415
12-G
LUTER, J. S.
KRYTER, K. D.
STANFORD RESEARCH INST., MENLO PARK, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
A PRELIMINARY STUDY OF THE SWARMING AND
STARTLE EFFECTS OF SIMULATED SONIC BOOMS
GENERAL DISTRIBUTION
SEP 1968, 58 P, ILLUS, TABLES, 11 REFS
CFSTI HC \$3.00
NASA-CR-1193
N68-31005
SONIC BOOM
SIMULATION
SLEEP
TEST METHODS
ELECTROENCEPHALOGRAPHY
RESPONSE
ADAPTATION /PHYSIOLOGY/
STATISTICAL ANALYSIS
OPERATION
EFFECTIVENESS
INTENSITY
MUSCLES
MOTOR REACTIONS
EXPERIMENTAL DATA
STARTLE
ELECTROMYOGRAPHY

68 01416 NAT U
02-K
ISAKONAS, S.
HENRY, C. J.
JACOBS, W. R.
STEVENS INST. OF TECH., HOBOKEN, N. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
HYDRODYNAMICS OF AIRCRAFT TIRE
HYDROPLANING.
GENERAL DISTRIBUTION
AUG 1968, 42 P, ILLUS, TABLES, 11 REFS
CFSTI HC \$3.00
NASA-CR-1125
N68-31593
HYDRODYNAMICS
AIRCRAFT TIRES
HYDROPLANING
MATHEMATICAL MODELS
THEORY
ASPECT RATIO
PRESSURE
VELOCITY
LIFT
DISTRIBUTION
GROUND PRESSURE

68 01417
J2-N
HINTERKEUSER, E. G.
STERNFELD, H. JR.
BOEING CO., PHILADELPHIA.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
SUBJECTIVE RESPONSE TO SYNTHESIZED FLIGHT
NOISE SIGNATURES OF SEVERAL TYPES OF V/STOL
AIRCRAFT.
GENERAL DISTRIBUTION
AUG 1968, 92 P, ILLUS, TABLES, 19 REFS
NASA-CR-1116
N68-33009
REACTION /PSYCHOLOGY/
AIRPLANE NOISE
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
CONFIGURATION
ANALYSIS
MAGNETIC RECORDING SYSTEMS
SIMULATION
REDUCTION
HELICOPTERS
TILT WINGS
TURBOFAN ENGINES
COMPARATIVE STUDIES
NOISE SIGNATURE

NAT U

68 01418
09-A
WISEMAN, G. G.
KANSAS, UNIV., LAWRENCE.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
INVESTIGATION OF ELECTROCALORIC EFFECTS IN
FERROELECTRIC SUBSTANCES.
GENERAL DISTRIBUTION
JUN 1968, 77 P, ILLUS, 35 REFS
CFSTI HC 63.00
NASA-CR-1080
N68-25972
FERROELECTRIC CRYSTALS
ELECTRIC FIELDS
THERMODYNAMICS
TEST METHODS
DIELECTRICS
HYSTERESIS
MEASUREMENT
EQUATIONS
ELECTROCALORIC

NAT U

68 01419
12-G
VAN HOUTEN, J. J.
BROWN, R.
LING-TENCO-VOUGHT, INC. AERONAUTICS DIV.,
DALLAS.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
INVESTIGATION OF THE CALIBRATION OF
MICROPHONES FOR SONIC BOOM MEASUREMENT.
GENERAL DISTRIBUTION
JUN 1968, 54 P, ILLUS, 9 REFS
NASA-5652
NASA-CR-1075
N68-25316
SONIC BOOM
MEASUREMENT
CALIBRATION
MICROPHONES
ELECTROSTATICS
PRESSURE
RESPONSE
SHOCK WAVES

NAT U

68 01420
10-B
KOCMOND, W. C.
JIUSTO, J. E.
CORNELL AERONAUTICAL LAB., INC., BUFFALO.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
INVESTIGATION OF WARM FOG PROPERTIES AND
FOG MODIFICATION CONCEPTS.
GENERAL DISTRIBUTION
JUN 1968, 56 P, ILLUS, TABLES, 5 REFS
NASA-156
NASA-CR-1071
N68-25816
FOG
DROPS
VOLUME
EVAPORATION
TIME
TEST METHODS
VISIBILITY
ANALYSIS
NUCLEATION
CLOUD CHAMBER
SALT NUCLEI

NAT U

68 01421
06-S
BELGEN, M. H.
NORTH AMERICAN AVIATION, INC., COLUMBUS, OHIO.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
INFRARED RADIOMETRIC STRESS INSTRUMENTATION
APPLICATION RANGE STUDY.
GENERAL DISTRIBUTION
MAY 1968, 142 P, ILLUS, TABLES, 41 REFS
NASA-6082
NASA-CR-1067
N68-24971
INFRARED EQUIPMENT
RADIOMETERS
SIGNALS
OPERATION
EFFECTIVENESS
METHODOLOGY

NAT U

68 01422
02-D
MARSH, A. H.
ELIAS, I.
MOENNE, J. C.
FRASCA, R. L.
DOUGLAS AIRCRAFT CO., INC. AIRCRAFT DIV., LONG
BEACH, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
A STUDY OF TURBOFAN-ENGINE COMPRESSOR-
NOISE-SUPPRESSION TECHNIQUES.
GENERAL DISTRIBUTION
JUN 1968, 174 P, ILLUS, TABLES, 40 REFS
NASA-5256
NASA-CR-1056
N68-26771
TURBOFAN ENGINES
COMPRESSOR NOISE
SUPPRESSORS
DATA
AERODYNAMICS
WIND TUNNELS
ENGINE NACELLES
DESIGN
JET TRANSPORT PLANES
TEST METHODS
ACOUSTICS
DOUGLAS DC-8 AIRCRAFT

NAT U

68 01423 NAT U
12-G
DAHLKE, H. E.
KANTARGES, G. T.
SIDDON, T. E.
VAN HOUTEN, J. J.
LING-TEMCO-VUUGHT, INC. WESTERN DIV., ANAHEIM,
CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
THE SHOCK EXPANSION TUBE AND ITS
APPLICATION AS A SONIC BOOM SIMULATOR.#
GENERAL DISTRIBUTION
JUN 1968, 43 P, ILLUS, TABLES
CFSTI HC \$3.00
NASA-CR-1055
N68-24966
SONIC BOOM
SHOCK WAVES
SHOCK TUBES
SIMULATION
EQUATIONS
DATA
ANALYSIS
EXPANSION

68 01424 NAT U
01-C
LEE, R.
FARRELL, J.
HENRY, G.
LOWE, A.
FLOW CORP. CONESCO DIV., WATERTOWN, MASS.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
PROCEDURES FOR ESTIMATING THE EFFECTS OF
DESIGN AND OPERATIONAL CHARACTERISTICS OF JET
AIRCRAFT ON GROUND NOISE.#
GENERAL DISTRIBUTION
JUN 1968, 165 P, ILLUS, REFS
CFSTI HC \$3.00
NASA-CR-1053
N68-26930
DESIGN
JET ENGINE NOISE
COMPRESSOR NOISE
OPERATION
DATA
MATHEMATICAL ANALYSIS
AIRFRAMES
FLIGHT PATHS
GROUND EFFECT

68 01425 NAT U
02-N
FRY, B. L.
BOEING CO., MORTON, PENNA.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
FEASIBILITY OF V/STOL CONCEPTS FOR
SHORT-HAUL TRANSPORT AIRCRAFT.# SUPPLEMENT
GENERAL DISTRIBUTION
SEP 1968, 57 P, ILLUS, TABLES, REFS
CFSTI HC \$3.00
NASA-CR-743/1/
N68-35177
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
TRANSPORT PLANES
FEASIBILITY STUDIES
RANGES /DISTANCE/
TILT WINGS
AIRFRAMES
TECHNOLOGICAL INTELLIGENCE
COSTS
TURBOFAN ENGINES
LIFT
DESIGN
WEIGHT
PAYLOAD
FLIGHT PROFILE
POD

68 01426 NAT U
09-D
PETRASEK, D. W.
SIGMORELLI, R. A.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LEWIS RESEARCH CENTER, CLEVELAND, OHIO.
REFRACTORY-METAL-FIBER-NICKEL-BASED
COMPOSITES FOR USE AT HIGH TEMPERATURES.
GENERAL DISTRIBUTION
SEP 1968, 45 P, ILLUS, TABLES, REFS
CFSTI HC \$3.00
NASA-TN-D-4787
N68-33684
REFRACTORY MATERIALS
NICKEL ALLOYS
FIBERS /SYNTHETIC/
HIGH-TEMPERATURE RESEARCH
COMPOSITE MATERIALS
STRESSES
RUPTURE
ANALYSIS
METALS

68 01427 NAT U
12-A
RICHARDSON, C. S.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
EFFECT OF SPEED BRAKES ON THE SUPERSONIC
AERODYNAMICS CHARACTERISTICS OF A VARIABLE-
SWEEP TACTICAL FIGHTER MODEL AT MACH NUMBERS
FROM 1.60 TO 2.50.#
GENERAL DISTRIBUTION
SEP 1968, 33 P, ILLUS, REFS
CFSTI HC \$3.00
NASA-TN-D-4773
N68-33669
VELOCITY
BRAKES
SUPERSONIC CHARACTERISTICS
AERODYNAMIC CHARACTERISTICS
VARIABLE-SWEEP WINGS
JET FIGHTERS
MODELS /SIMULATIONS/
MACH NUMBER
WIND TUNNELS
TEST METHODS
DRAG
PITCH /ROTATION/
ROLL

68 01428 NAT U
08-D
BURKE, M. E.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
FLIGHT RESEARCH CENTER, EDWARDS, CALIF.
X-15 ANALOG AND DIGITAL INERTIAL SYSTEMS
FLIGHT EXPERIENCE.#
GENERAL DISTRIBUTION
JUL 1968, 20 P, ILLUS, TABLES, REFS
CFSTI HC \$3.00
NASA-TN-D-4642
N68-29404
RESEARCH PLANES
ANALOG SYSTEMS
DIGITAL SYSTEMS
INERTIAL GUIDANCE
DATA PROCESSING SYSTEMS
X-15 AIRCRAFT

68 01429 NAT U
01-F
ROBINSON, R. C.
WILCOX, P. R.
GAMBUCCI, B. J.
GEORGE, R. E.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
DYNAMIC RESPONSE OF A FAMILY OF
AXISYMMETRIC HAMMERHEAD MODELS TO UNSTEADY
AERODYNAMIC LOADING.#
GENERAL DISTRIBUTION
JUN 1968, 41 P, ILLUS, TABLE
CFSTI HC \$3.00
NASA-TN-D-4504
N68-25916
DYNAMICS
RESPONSE
AERODYNAMIC LOADING
MODELS /SIMULATIONS/
TRANSONIC WIND TUNNELS
SUPERSONIC WIND TUNNELS
MACH NUMBER
LAUNCH VEHICLES /AEROSPACE/
HAMMERHEAD

68 01430 NAT U
02-K
BYRDSONG, T. A.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
INVESTIGATION OF THE EFFECT OF WHEEL
BRAKING ON SIDE-FORCE CAPABILITY OF
A PNEUMATIC TIRE.#
GENERAL DISTRIBUTION
JUN 1968, 21 P, ILLUS, REFS
CFSTI HC \$3.00
NASA-TN-D-4602
N68-25313
BRAKES
PNEUMATIC DEVICES
EFFECTIVENESS
FRICTION
AIRCRAFT TIRES
SIDE-FORCE
DRAG-FORCE
SLIP RATIO
COEFFICIENT

68 01431 NAT U
06-B
WENZELL, G. E.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
MANNED SPACECRAFT CENTER, HOUSTON, TEX.
AN INTEGRATED-CIRCUIT DIRECT-COUPLED
AMPLIFIER FOR SPACECRAFT USE.#
GENERAL DISTRIBUTION
MAY 1968, 66 P, ILLUS, TABLES, 4 REFS
CFSTI HC \$3.00
NASA-TN-D-4584
N68-24845
INTEGRATED CIRCUITS
AMPLIFIERS
SPACECRAFT
DESIGN
COUPLERS
ELECTRIC POTENTIAL
GAIN
SIGNALS

68 01432 NAT U
09-A
KIMZEY, J. H.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
MANNED SPACECRAFT CENTER, HOUSTON, TEX.
FLAMMABLE AND TOXIC MATERIALS IN THE
OXYGEN ATMOSPHERE OF MANNED SPACECRAFT.#
GENERAL DISTRIBUTION
MAY 1968, 28 P, ILLUS, TABLES, REFS
CFSTI HC \$3.00
NASA-TN-D-3415
N68-24756
FLAMMABILITY
TOXICITY
MATERIALS
OXYGEN
ATMOSPHERE
MANNED SPACECRAFT
CONTAMINATION
GRAVITY
FIRE SAFETY
DESIGN
COMPARATIVE STUDIES

68 01433 NAT U
12-G
GARRICK, I. E.
MAGLIERI, D. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
A SUMMARY OF RESULTS ON SONIC-BOOM
PRESSURE-SIGNATURE VARIATIONS ASSOCIATED WITH
ATMOSPHERIC CONDITIONS.#
GENERAL DISTRIBUTION
MAY 1968, 27 P, ILLUS, TABLE, REFS
CFSTI HC \$3.00
NASA-TN-D-4588
N68-24462
SONIC BOOM
PRESSURE
ATMOSPHERIC MOTION
TURBULENCE
STATISTICAL ANALYSIS
OVERFLIGHT
PRESSURE SIGNATURE

68 01434 NAT U
02-G
SMYDER, W. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
A SUMMARY OF ROTOR-HUB BENDING MOMENTS
ENCOUNTERED BY A HIGH-PERFORMANCE HINGELESS-
ROTOR HELICOPTER DURING NAP-OF-THE-EARTH
MANEUVERS.#
GENERAL DISTRIBUTION
MAY 1968, 30 P, ILLUS, TABLES, REFS
CFSTI HC \$3.00
NASA-TN-D-4574
N68-24499
HELICOPTERS
ROTOR HUBS
MOMENTS
MANEUVERABILITY
XH-51N HELICOPTER

68 01435
12-B
WOLWICZ, C. H.
STRUTZ, L. W.
GILYARD, G. H.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
FLIGHT RESEARCH CENTER, EDWARDS, CALIF.
PRELIMINARY FLIGHT EVALUATION OF THE
STABILITY AND CONTROL DERIVATIVES AND DYNAMIC
CHARACTERISTICS OF THE UNAUGMENTED XB-70-1
AIRPLANE INCLUDING COMPARISONS WITH
PREDICTIONS.#
GENERAL DISTRIBUTION
MAY 1968, 76 P, ILLUS, TABLES, REFS
CFSTI HC 83.00
NASA-TN-D-4578
N68-24498
FLIGHT TESTING
ANALYSIS
STABILITY
CONTROL
DYNAMICS
SUPERSONIC PLANES
DATA
MATHEMATICAL PREDICTION
WIND TUNNELS
COMPARATIVE STUDIES
XB-70-1 AIRCRAFT

NAT U

68 01436
02-M
COLEMAN, T. L.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
TRENDS IN REPEATED LOADS ON TRANSPORT
AIRPLANES.#
GENERAL DISTRIBUTION
MAY 1968, 31 P, ILLUS, TABLES, REFS
CFSTI HC 83.00
NASA-TN-D-4586
N68-24476
TRANSPORT PLANES
AERODYNAMIC LOADING
STATISTICAL DATA
GUSTS
MANEUVERABILITY
OSCILLATION
ACCELERATION
LANDING IMPACT
PISTONS
TURBOPROPELLER JET ENGINES
TURBOJET ENGINES
COMPARATIVE STUDIES
IN-FLIGHT
GROUND OPERATIONS

NAT U

68 01437
02-C
RADIO TECHNICAL COMMISSION FOR AERONAUTICS,
WASHINGTON, D. C.
ENVIRONMENTAL CONDITIONS AND TEST
PROCEDURES FOR AIRBORNE ELECTRONIC/ELECTRICAL
EQUIPMENT AND INSTRUMENTS.#
GENERAL DISTRIBUTION
JUN 1968, 118 P, ILLUS, TABLES
RCTCA-SC-112-DO139
AIRBORNE
ELECTRONIC EQUIPMENT
ELECTRICAL EQUIPMENT
ENVIRONMENTAL TESTS
TEST METHODS
TEMPERATURE
ALTITUDE
HUMIDITY
SHOCK /MECHANICS/
VIBRATION
ELECTRIC POTENTIAL
TRANSIENTS
RADIOFREQUENCY
AUDIOFREQUENCY
EXPLOSION EFFECTS
MOISTUREPROOFING
HYDRAULIC FLUIDS
SAND
SUSCEPTIBILITY
DUST
RESISTANCE /NON-ELECTRICAL/
SALT SPRAY

NAT U

68 01438
08-D
GARNER, H. L.
MICHIGAN, UNIV., AYN ARBOR, SYSTEMS
ENGINEERING LAB.
ROME AIR DEVELOPMENT CENTER, GRIFFISS
AFB, N. Y.
MATHEMATICAL MODELS OF INFORMATION
SYSTEMS.#
GENERAL DISTRIBUTION
JUL 1968, 87 P, TABLES, REFS
RADC-TR-68-260
AD-673 386
MATHEMATICAL MODEL:
INFORMATION RETRIEVAL
PROGRAMMING /COMPUTERS/
THEORY
AUTOMATION
ALGORITHMS
GRAPH

NAT U

68 01440
02-G
WINGERT, J. W.
NICHOLSON, R. H.
HONEYWELL, INC. SYSTEMS AND RESEARCH DIV.,
MINNEAPOLIS.
JOINT ARMY-NAVY AIRCRAFT INSTRUMENTATION
RESEARCH COMMITTEE, WASHINGTON, D. C.
EXPERIMENTAL EVALUATION OF A FORMATION
FLIGHT SYSTEM.#
GENERAL DISTRIBUTION
JUL 1968, 120 P, ILLUS
N00014-66-C0362
JANAIR-TR-6804002
AD-673 429
FORMATION FLIGHT
HELICOPTERS
DISPLAY SYSTEMS
SIMULATION
DIGITAL SYSTEMS
INSTRUMENT FLIGHT
ANALYSIS OF VARIANCE
ERRORS
DATA
PILOTS
OPERATION
EFFECTIVENESS
OPTIMIZATION

NAT U

68 01441 NAT U
02-N
PUTMAN, W. F.
PRINCETON UNIV., N. J. DEPT. OF AEROSPACE AND
MECHANICAL SCIENCES.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
AN EXPERIMENTAL INVESTIGATION OF GROUND
EFFECT ON A FOUR-PROPELLER TILT WING
V/STOL MODEL.#
GENERAL DISTRIBUTION
JUL 1968, 65 P, ILLUS, TABLES, REFS
USAAVLABS-TR-68-45
AD-673 824
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
TILT WINGS
GROUND EFFECT
MODELS /SIMULATIONS/
TEST METHODS
EXPERIMENTAL DATA
LIFT
DRAG
PITCH /MOTION/
MOTION
WIND TUNNELS
SLIPSTREAM
VELOCITY

68 01442 NAT U
02-N
BOYDEN, R. P.
CURTISS, H. C., JR.
PRINCETON UNIV., N. J. DEPT. OF AEROSPACE
AND MECHANICAL SCIENCES.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
INVESTIGATION OF THE LATERAL/DIRECTIONAL
STABILITY CHARACTERISTICS OF A FOUR-
PROPELLER TILT-WING VTOL MODEL.#
GENERAL DISTRIBUTION
APR 1968, 106 P, ILLUS, TABLES, REFS
DA44-177-AMC-R/T/
USAAVLABS-TR-68-19
AD-673 147
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
TILT WINGS
MODELS /SIMULATIONS/
STABILITY
TEST METHODS
HOVERING
FLIGHT
DYNAMICS
CAPTIVE TESTS
OSCILLATION
DATA
WING INCIDENCES

68 01443 NAT U
02-L
TAYLOR, J. J.
PRINCETON UNIV., N. J. DEPT. OF AEROSPACE
AND MECHANICAL SCIENCES.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
AERODYNAMICS CHARACTERISTICS OF A GENERAL
TILT-WING/PROPELLER MODEL TESTED AT SLOW
SPEEDS AND HIGH ANGLES OF ATTACK.#
GENERAL DISTRIBUTION
FEB 1968, 90 P, ILLUS, REFS
DA44-177-AMC-R/T/
USAAVLABS-TR-68-19
AD-671 666
AERODYNAMIC CHARACTERISTICS
TILT WINGS
PROPELLERS /AERIAL/
MODELS /SIMULATIONS/
ANGLE OF ATTACK
VELOCITY
TRANSITION FLIGHT
HOVERING
EXPERIMENTAL DATA

68 01444 NAT U
08-D
CUNDARI, F. L., LCDR.
JOINT ARMY-NAVY AIRCRAFT INSTRUMENT RESEARCH
COMMITTEE, WASHINGTON, D. C.
BIBLIOGRAPHY OF TECHNICAL REPORTS OF THE
JOINT ARMY NAVY AIRCRAFT INSTRUMENTATION
RESEARCH /JANAIR/ PROGRAM.#
GENERAL DISTRIBUTION
APR 1968, 16 P, REFS
JANAIR-R680402
AD-837 076
BIBLIOGRAPHIES
TECHNOLOGICAL INTELLIGENCE
REPORTS
SENSING ELEMENTS
DATA PROCESSING SYSTEMS
DISPLAY SYSTEMS
CONTROL SYSTEMS
MAN-MACHINE SYSTEMS
AIRCRAFT
ROTARY WINGS

68 01445 NAT U
13-A
EBS MANAGEMENT CONSULTANTS, INC.,
WASHINGTON, D. C.
METHODOLOGY FOR MEASUREMENT OF
TRANSPORTATION STRIKE IMPACT.#
GENERAL DISTRIBUTION
JUL 1967, 150 P, ILLUS, TABLES
MEASUREMENTS
ECONOMICS
TRANSPORTATION
STANDARDS
OPERATIONS RESEARCH
DATA
DESIGN
FEASIBILITY STUDIES
METHODOLOGY

68 01446 R NAT U
02-J
FEDERAL AVIATION AGENCY, OFFICE OF POLICY
DEVELOPMENT, WASHINGTON, D. C.
TRENDS IN AIRCRAFT OPERATIONS AT AIRPORTS
WITH FAA AIRPORT TRAFFIC CONTROL TOWERS.#
GENERAL DISTRIBUTION
SEP 1966, 20 P, TABLES
AIR CARRIERS
TAKE-OFF
LANDING
AIRPORT CONTROL TOWERS
TRANSPORT PLANES
VOLUME
GENERAL AVIATION AIRCRAFT
ARMED FORCES OPERATIONS
FEDERAL AVIATION AGENCY
DATA
COMPARATIVE STUDIES

68 01447 R NAT U
 13-B
 FEDERAL AVIATION AGENCY, CIVIL AVIATION
 ASSISTANCE GROUP, AFGHANISTAN.
 AFGHANISTAN AIR TRANSPORTATION
 DEVELOPMENT-TECHNICAL ASSISTANCE PROJECT
 HISTORY AND ANALYSIS REPORT.# FINAL REPORT.
 GENERAL DISTRIBUTION
 JUN 1968, 30 P
 PROJ-306-16-370-036
 HISTORY
 CONSTRUCTION
 AIRPORTS
 TRANSOCEANIC
 ANALYSIS
 AIR TRANSPORTATION
 TERMINAL FLIGHT FACILITIES
 ELECTRONIC EQUIPMENT
 TRAINING
 AIR ROUTES
 OVERFLIGHT
 ECONOMICS
 AFGHANISTAN

68 01450 R NAT U
 08-C
 FEDERAL AVIATION AGENCY, SYSTEMS
 RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
 D. C.
 PROPOSED REARRANGEMENT OF PRIVATE AIRCRAFT
 HAND /122.0-123.0 MC/5/.#
 GENERAL DISTRIBUTION
 SEP 1966, 25 P
 FEDERAL AVIATION ADMINISTRATION
 COSTS
 AIRCRAFT
 FLIGHT SERVICE STATIONS
 AIR-TO-SURFACE
 RADIO COMMUNICATION SYSTEMS
 SITE SELECTION
 COMPARATIVE STUDIES
 CHANNELS

68 01451 R NAT U
 06-K
 WILDMAN, J. D.
 FEDERAL AVIATION ADMINISTRATION, SYSTEMS
 RESEARCH AND DEVELOPMENT SERVICE,
 WASHINGTON, D. C.
 RADIO FREQUENCY INTERFERENCE AND
 MEASUREMENT VEHICLE.# SUMMARY REPORT.
 GENERAL DISTRIBUTION
 SEP 1968, 30 P
 FEDERAL AVIATION ADMINISTRATION
 RADIO FREQUENCY INTERFERENCE
 MEASUREMENT
 GROUND VEHICLE ANTENNAS
 MODIFICATION KITS
 FREQUENCY
 SIGNALS
 DISPLAY SYSTEMS
 RECORDING SYSTEMS
 VERY HIGH FREQUENCY
 ALTERNATING CURRENT
 POWER EQUIPMENT

68 01452 NAT U
 06-F
 SPERRY RAND CORP. UNIVAC DIV., ST. PAUL.
 NEW YORK COMMON IFR ROOM CIPRR BEACON
 DIGITIZER SUBSYSTEM INTERFACE REQUIREMENTS.#
 GENERAL DISTRIBUTION
 FEB 1967, 60 P, ILLUS, TABLES
 UNIVAC-FN-U-9148
 INSTRUMENT FLIGHT
 COMPUTERS
 ELECTRICAL PROPERTIES
 COMPUTER LOGIC
 DATA TRANSMISSION SYSTEMS
 OPERATION
 STANDARDS
 ANALOG-TO-DIGITAL CONVERTERS
 NEW YORK
 BYD /BEACON VIDEO DIGITIZER/
 CIPRR /COMMON INSTRUMENT FLIGHT RULES ROOM/
 INTERFACE
 CHANNELS

68 01453 NAT U
 06-F
 SPERRY RAND CORP. UNIVAC DIV., ST. PAUL.
 NEW YORK COMMON IFR ROOM CIPRR RADAR VIDEO
 SUBSYSTEM INTERFACE REQUIREMENTS.#
 GENERAL DISTRIBUTION
 FEB 1967, 60 P, ILLUS, TABLES
 UNIVAC-FN-U-9147
 INSTRUMENT FLIGHT
 COMPUTERS
 STANDARDS
 ELECTRICAL PROPERTIES
 COMPUTER LOGIC
 DATA TRANSMISSION SYSTEMS
 OPERATION
 ANALOG-TO-DIGITAL CONVERTERS
 NEW YORK
 CIPRR /COMMON INSTRUMENT FLIGHT RULES ROOM/
 INTERFACE
 BYD /RADAR VIDEO DIGITIZER/
 CHANNELS

SR 01454 R NAT U
02-M
FEDERAL AVIATION AGENCY, WASHINGTON, D. C.
BOEING 727 MAINTENANCE REVIEW BOARD
REPORT.#
GENERAL DISTRIBUTION
MAR 1966, 54 P, ILLUS
MAINTENANCE
JET TRANSPORT PLANES
FEDERAL AVIATION AGENCY
QUALITY CONTROL
TURBOJAN ENGINES
CHECKOUT PROCEDURES
OPERATION
SPECIFICATIONS
STRUCTURES
ROLLING 727 AIRCRAFT
PRATT/WHITNEY JT8D-1 ENGINE
AIRCRAFT STRUCTURES

6R 01455 NAT U
06-F
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
FEDERAL AVIATION ADMINISTRATION/
DEPARTMENT OF DEFENSE PRODUCTION COMMON
DIGITIZER, ANALYZER
GENERAL DISTRIBUTION
AUG 1966, 47 P
FEDERAL AVIATION AGENCY
DEPARTMENT OF DEFENSE
OPERATION
EFFECTIVENESS
STANDARDS
MAINTENANCE
ANALOG-TO-DIGITAL CONVERTERS
CAPTIVE TESTS
CHECKOUT PROCEDURES
DATA TRANSMISSION SYSTEMS
COMPUTERS
PLD /PRODUCTION COMMON DIGITIZER/

CR 01456 R NAT U
02-I
PHILLIPS, R. G.
STUBBS, M. E.
MT. AUBURN RESEARCH ASSOCIATES, INC.,
CAMBRIDGE, MASS.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
INVESTIGATION OF VARIOUS AVIATION
CONSTRUCTION MARKERS.#
GENERAL DISTRIBUTION
OCT 1967, 23 P, ILLUS, TABLES, & REFS
PROJ-410-208-024
FANTWA-171R
DS-H-11-67/RUP-1R/
GENERAL AVIATION AIRCRAFT
TRANSMISSION LINES
TELEPHONE LINES
ANCHORS /STRUCTURAL/
COLLISION AVOIDANCE
VISIBILITY
IDENTIFICATION
HAZARDS
LIGHT
DESIGN
TESTS
ELECTRIC POTENTIAL
CONSTRUCTION /ABSTRACT CONCEPT/

6R 01457 R NAT U
09-G
KORN, C. W.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
INVESTIGATION OF SUSPECTED STRUCTURAL
DEFICIENCIES, JACKSONVILLE AND OTHER AIR
ROUTE TRAFFIC CONTROL CENTER BUILDINGS.#
MEMORANDUM REPORT.
GENERAL DISTRIBUTION
MAY 1967, 35 P, ILLUS
AIR ROUTE TRAFFIC CONTROL CENTERS
CONCRETE
FLOORS
FRACTURE /MECHANICS/
ANALYSIS
JACKSONVILLE
BENCHMARKS

6R 01459 R NAT U
12-A
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
GOVERNMENT/INDUSTRY MEETING TO UPDATE SST
STANDARDS OCTOBER 3-5.0 AGENDA.
GENERAL DISTRIBUTION
1967, 63 P, ILLUS
FEDERAL AVIATION ADMINISTRATION
SUPERSONIC TRANSPORTS
STANDARDS
OPERATION
EFFECTIVENESS
MANEUVERABILITY
STRUCTURES
PROPULSION
AIRPLANE ENGINES
SYSTEMS

6R 01460 R NAT U
08-B
CLARK, J. E.
FEDERAL AVIATION AGENCY, WASHINGTON, D. C.
MOBILE/TRANSCATABLE AIR TRAFFIC CONTROL
NAVIGATIONAL AID AND COMMUNICATIONS SYSTEM.#
INTERIM REPORT.
GENERAL DISTRIBUTION
1966, 31 P, ILLUS
FEDERAL AVIATION ADMINISTRATION
MOBILE
VOLUME
AIR TRAFFIC CONTROL SYSTEMS
NAVIGATIONAL AIDS
COMMUNICATION SYSTEMS
EMERGENCY PROCEDURES
CIVIL DEFENSE SYSTEMS
MALFUNCTIONS
STANDARDS
MILITARY FACILITIES
ANALYSIS

64 01442 NAT U
12-A
BRITISH AIRCRAFT CORP. OPERATING, LTD. PILTON
DIV., BRISTOL ENGLAND.
THE FIFTH MEETING OF THE FRENCH-BRITISH
UNITED STATES SUPERSONIC TRANSPORT,
WASHINGTON, D. C., FEBRUARY 27-MARCH 3, 1967.
GENERAL DISTRIBUTION
1967, 30 P, ILLUS
WP-530
IMPACT SHOCK
MAIL
SUPERSONIC TRANSPORTS
JET TRANSPORT PLANES
TURBOPROPELLER JET ENGINES
TURBOJET ENGINES
AIRWORTHINESS
STRUCTURES
STATISTICAL ANALYSIS
ALTITUDE
AIRSPEED
TURBULENCE
DATA
COMPARATIVE STUDIES
DIAMETER
ENCOUNTERS
DC-8 AIRCRAFT
RESISTANCE /NON-ELECTRICAL/
JET AIRLINES
VISCOMET AIRCRAFT
VC-10 AIRCRAFT
F.A.U.S.S.T.

68 01443 R NAT U
02-1
BULK, R. M.
FEDERAL AVIATION AGENCY, COLLISION PREVENTION
ADVISORY GROUP, WASHINGTON, D. C.
FEDERAL AVIATION AGENCY COLLISION
PREVENTION ADVISORY GROUP, MINUTES OF THE
TWENTY-SIXTH MEETING, DECEMBER 1, 1966.
GENERAL DISTRIBUTION
1966, 40 P, ILLUS
COLLISION AVOIDANCE
FEDERAL AVIATION ADMINISTRATION
CONFERENCES
CUPAG /COLLISION PREVENTION ADVISORY GROUP/

68 01444 R NAT U
06-F
BACHMADY, F. J., DR.
ADCOM, INC., CAMBRIDGE, MASS.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
D. C.
CHARACTERIZATION OF AIR-TO-GROUND VHF AND
UHF PROPAGATION MEDIA. WORKING PAPER.
GENERAL DISTRIBUTION
AUG 1967, 221 P, ILLUS, TABLES, REFS
ON-W3-7-010971
AIR-TO-SURFACE
VERY HIGH FREQUENCY
ULTRA HIGH FREQUENCY
PROPAGATION
MATHEMATICAL MODELS
COMMUNICATION SATELLITES /ACTIVE/
MULTIPATH TRANSMISSION
GEOMETRY
TROPOSPHERE
SYNCHRONIZATION /ELECTRONICS/
FUNCTIONS
DOPPLER EFFECT
CHANNELS

48 01445
10-6
LUPPSEY, W. S.
FEDERAL AVIATION ADMINISTRATION, RESEARCH
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
D. C.
AIRCRAFT WAKE TURBULENCE.
GENERAL DISTRIBUTION
196-, 5 P
AIRCRAFT
WAKE
TURBULENCE
FEDERAL AVIATION ADMINISTRATION
DATA
MOTION PICTURES
PHOTOGRAPHIC ANALYSIS

68 01446
02-M
FEDERAL AVIATION ADMINISTRATION, RESEARCH
NOISE ABATEMENT, WASHINGTON, D. C.
AIRCRAFT NOISE CERTIFICATION RULES FOR
TRANSPORT CATEGORY AIRCRAFT.
GENERAL DISTRIBUTION
SEP 1968, 29 P, ILLUS
SUBSONIC FLIGHT
JET TRANSPORT PLANES
JET PLANE NOISE
CONTROL
LICENSING
STANDARDS
FEDERAL AVIATION ADMINISTRATION
ANALYSIS
HISTORY
INDUSTRIES

68 01467 NAT U
09-D
PENDEBERRY, S. L.
SIMENZ, R. F.
WALKER, E. K.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
FRACTURE TOUGHNESS AND CRACK PROPAGATION IN
300 M STEEL. TECHNICAL REPORT.
GENERAL DISTRIBUTION
AUG 1968, 197 P, ILLUS, REFS
PROJ-510-004-13H
FA67-WA-1821
DS-68-18
AD-676 573
FRACTURE /MECHANICS/
TOUGHNESS
STEEL
THICKNESS
STRESSES
INTENSITY
DATA
MATHEMATICAL ANALYSIS
SHEETS
METAL PLATES
FORGING
HEAT TREATMENT
TENSILE PROPERTIES
SURFACE PROPERTIES
EQUATIONS
RATE

68 01468 R NAT U
03-D
HARTMAN, L.
AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
BEACON RANGE ALTITUDE MONITOR SYSTEM/
AIRBORNE.# FINAL REPORT.
GENERAL DISTRIBUTION
AUG 1968, 32 P, ILLUS
PRD-240-001-01C
FAB7WA-164H
FJ-68-48
AD-676 552
AIRBORNE
RADAR BEACONS
RANGES /DISTANCE/
ALTIMETERS
MONITORS
ANTENNAS
INTERROGATORS
DISPLAY SYSTEMS
CONTROL SYSTEMS
TRANSMITTER-RECEIVERS
AIRCRAFT
SEPARATION
DISCOVERY-DETECTION

68 01469 R NAT U
04-D
CHAPMAN, C.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
PRELIMINARY INVESTIGATION OF THE NAS STAGE
A BACKUP CHANNEL AS RELATED TO THE RESOLUTION
AND DETECTION OF AIRCRAFT.# FINAL REPORT.
GENERAL DISTRIBUTION
OCT 1968, 29 P, ILLUS
NA-68-19
AD-676 779
AIR ROUTE TRAFFIC CONTROL CENTERS
RADAR
RADAR BEACONS
RADAR TRACKING
DATA PROCESSING SYSTEMS
ANALOG-TO-DIGITAL CONVERTERS
NARROWBAND
HNB AD BAND
DISPLAY SYSTEMS
DATA
AIRCRAFT
SEPARATION
NAS /NATIONAL AIRSPACE SYSTEM/

68 01470 R NAT U
01-C
SPERRY, W. L.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
NOISE ABATEMENT, WASHINGTON, D. C.
AIRCRAFT NOISE EVALUATION.#
GENERAL DISTRIBUTION
SEP 1968, 93 P, ILLUS
FAS-N-68-14
AD-676 240
NUMERICAL ANALYSIS
LICENSING
LAW
STANDARDS
HISTORY
CORRECTIONS
AIRCRAFT NOISE
EPNL /EFFECTIVE PERCEIVED NOISE LEVEL/
DONES /ACOUSTICS/
OPERATION

68 01471 R NAT U
02-H
SKELTON, G. E.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
EVALUATION OF A PICTORIAL TURN AND BANK
INDICATOR.#
GENERAL DISTRIBUTION
AUG 1968, 16 P, ILLUS, TABLE
NA-68-28
DS-68-14
AD-675 778
GENERAL AVIATION AIRCRAFT
FLIGHT INSTRUMENTS
TRAINING
PILOTS
ANALYSIS
DISPLAY SYSTEMS
PICTORIAL TURN INDICATOR

68 01472 R NAT U
02-G
HUNTING, A. W.
FLEMING, R. S.
FEDERAL AVIATION ADMINISTRATION, FLIGHT
STANDARDS SERVICE, WASHINGTON, D. C.
EVALUATION OF HELICOPTER STEEP SLOPE GCA
OPERATIONS.#
GENERAL DISTRIBUTION
MAY 1968, 58 P, ILLUS
AD-676 528
ANALYSIS
HELICOPTERS
GLIDE PATH
LANDING AIDS
FLIGHT TESTING
GROUND-CONTROLLED APPROACH RADAR
AIRSPEED
WIND
PILOTS
DATA
COMPARATIVE STUDIES
BELL TH13T HELICOPTER
BELL UM-1 HELICOPTER
BOEING CH-47 HELICOPTER

68 01473 R NAT U
05-E
VAUGHAN, J. A.
HIGGINS, E. A.
FUNKHOUSER, G. E.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY.
THE EFFECTS OF BODY THERMAL STATE ON
MANUAL PERFORMANCE.#
GENERAL DISTRIBUTION
MAY 1968, 10 P, ILLUS, TABLES, REFS
AM-68-13
AD-675 522
AVIATION MEDICINE
BODY TEMPERATURE
MOTOR REACTIONS
ARMS
ENVIRONMENTAL TESTS

68 01474 R NAT U
05-G
SIEGEL, P. V., MD.
BOOZE, C. F., JR.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY.
A RETROSPECTIVE ANALYSIS OF AEROMEDICAL
CERTIFICATION DENIAL ACTIONS. # JANUARY 1967 -
DECEMBER 1967.
GENERAL DISTRIBUTION
MAY 1968, 11 P, TABLES
AM-68-9
AD-675 521
AVIATION MEDICINE
LICENSING
PHYSIOLOGY
MALFUNCTIONS
PILOTS
ANALYSIS

68 01475 R NAT U
05-F
CROSBY, W. M., MD.
SNYDER, R. W., MD.
SNOW, C. C.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY.
IMPACT INJURIES IN PREGNANCY. EXPERIMENTAL
STUDIES. # NUMBER I.
GENERAL DISTRIBUTION
MAR 1968, 9 P, ILLUS, TABLES, 25 REFS
AM-68-6
AD-674 861
IMPACT SHOCK
WOUNDS AND INJURIES
PREGNANCY
PRIMATES
DECELERATION
AVIATION MEDICINE
HABOONS

68 01476 R NAT U
05-F
FIGURICA, V.
HARR, M. J.
MOSES, R.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY.
CONTRIBUTION OF ACTIVITY TO THE CIRCADIAN
RHYTHM IN EXCRETION OF MAGNESIUM AND
CALCIUM. #
GENERAL DISTRIBUTION
MAR 1968, 6 P, ILLUS, TABLES, REFS
AM-68-4
AD-674 416
EXCRETION
MAGNESIUM
CALCIUM
PERIODIC VARIATIONS
EXERCISE
AVIATION MEDICINE
CIRCADIAN RHYTHM

68 01477 R NAT U
05-H
COLLINS, W. E.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY.
INFLUENCE OF HEAD POSITION ON THE
OF VERTICAL NYSTAGMUS. # NUMBER IX.
ADAPTATION TO VESTIBULAR DISORIENTATION.
GENERAL DISTRIBUTION
MAR 1968, 6 P, ILLUS, TABLES, 21 REFS
AM-68-2
VESTIBULAR APPARATUS
HEAD
EYE
MOTION SICKNESS
ACCELERATION
AVIATION MEDICINE
HABITUATION

68 01478
06-F
BARKALOW, R. S.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
RESEARCH AND DEVELOPMENT, WASHINGTON, D.C.
A METHOD FOR ACHIEVING EQUIPMENT
RELIABILITY, MAINTAINABILITY AND LOGISTICS
SUPPORT. # FINAL REPORT.
GENERAL DISTRIBUTION
AUG 1968, 22 P, ILLUS, TABLES
RD-68-15
AD-676 730
RELIABILITY
MAINTAINABILITY
LOGISTICS

68 01479
11
SOLCER, R.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION FACILITIES, WASHINGTON, D.C.
ATLANTIC CITY.
LIGHTING AND MARKER LIGHTS
TO AIR NAVIGATION. # FINAL REPORT.
GENERAL DISTRIBUTION
OCT 1967, 12 P, ILLUS, TABLES
NA-68-15
RD-68-18
AD-676 526
LIGHTING EQUIPMENT
MARKER LIGHTS
NAVIGATION
HAZARDS
AVIATION ACCIDENTS
VISIBILITY
OBSTRUCTION /ABSTRACT COVERED

68 01480 R NAT U
06-F
SMARGIASSI, R.
PHILCO-FORD CORP. COMMUNICATIONS AND
ELECTRONICS DIV., WILLOW GROVE, PENNA.
COMPUTER ENTRY AND READOUT EQUIPMENT
/CERE/. # FINAL REPORT.
GENERAL DISTRIBUTION
SEP 1967, 18 P, 7 REFS
FA66-WA-1547
PROJ-123-311-09A
SRDS-RD-68-5
AD-675 047
COMPUTERS
AIR TRAFFIC
AIR TRANSPORTATION
DESIGN
INPUT-OUTPUT DEVICES
CERE /COMPUTER ENTRY AND READOUT EQUIPMENT/
ALPHANUMERICS
NAS /NATIONAL AIRSPACE SYSTEM/

68 01481 NAT U
06-E
GRIFFITHS, J. D., MAJ. USAF.
AIR FORCE CAMBRIDGE RESEARCH LABS., 1. G.
HANSCOM FIELD, BEDFORD, MASS.
IMPROVED ANALOG VOICE COMMUNICATIONS. #
GENERAL DISTRIBUTION
APR 1968, 16 P, ILLUS, 8 REFS
AFCL-68-0227
AD-671 486
VOICE COMMUNICATION SYSTEMS
SPEECH
SPEECH TRANSMISSION
ANALOG SYSTEMS
DESIGN
FILTERS /ELECTROMAGNETIC WAVE/

PA 01442
02-1
KUMPTSCH, M. C.
GRANAN, J. M.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
STUDY OF LIQUID METAL NAK-77 FOR
APPLICATION IN FLIGHT CONTROL SYSTEMS.
FINAL TECHNICAL REPORT.
NO FOREIGN
JUN 1964, 177 P, ILLUS, 14 REFS
AFFDL-TR-67-221
AF33/6157-5417
AD-839 526
FLIGHT CONTROL SYSTEMS
LIQUID METALS
ACTUATORS
HIGH-TEMPERATURE RESEARCH
SPRUE MECHANISMS
NAK-77 LIQUID METAL

NAT U

PA 01441
02-1
LENNY, J. E.
MCDONNELL-DOUGLAS CORP., ST. LOUIS.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
BACKGROUND AND REVIEW OF STATE OF
THE ART. VOL. II, FINAL REPORT.
DESIGN CRITERIA FOR THE PREDICTION AND
PREVENTION OF PANEL FLUTTER.
NO FOREIGN
AUG 1964, 101 P, ILLUS, 38 REFS
AFFDL-TR-67-140, VOL. II
AF33/6157-5417
AD-840 591
PANELS /STRUCTURAL/
DESIGN
STANDARDS
FLUTTER
TRANSONIC PLANES
HYPERSONIC PLANES
SUPERSONIC PLANES
BOOSTER ROCKETS
MATHEMATICAL ANALYSIS
REENTRY VEHICLES

NAT U

PA 01444
02-1
LENNY, J. E.
MCDONNELL-DOUGLAS CORP., ST. LOUIS.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
DESIGN CRITERIA FOR THE PREDICTION AND
PREVENTION OF PANEL FLUTTER.
CRITERIA PRESENTATION. VOLUME I,
FINAL REPORT.
NO FOREIGN
AUG 1964, 100 P, ILLUS, 6 REFS
AF33/6157-5417
AFFDL-TR-67-140, VOL. I.
AD-840 591
PANELS /STRUCTURAL/
DESIGN
STANDARDS
FLUTTER
TRANSONIC PLANES
HYPERSONIC PLANES
SUPERSONIC PLANES
BOOSTER ROCKETS
MATHEMATICAL ANALYSIS
REENTRY VEHICLES

NAT U

PA 01485
01-6
STENTON, T. E.
ANURZ, L. V.
NORTH AMERICAN ROCKWELL CORP., LOS ANGELES.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
TRANSONIC UNSTEADY AERODYNAMICS
FOR PLANAR WINGS WITH TRAILING EDGE CONTROL
SURFACES. FINAL REPORT, 71 AUGUST 1966 TO
31 NOVEMBER 1967.
NO FOREIGN
AUG 1966, 126 P, ILLUS, 8 REFS
AF33/6157-5417
NA-57-1054
AFFDL-TR-67-180
AD-840 575
TRANSONIC FLOW
AERODYNAMIC CONTROL SURFACES
WINGS
TRAILING EDGE
DIFFERENTIAL EQUATIONS
DIGITAL COMPUTERS
PROGRAMMING /COMPUTERS/

NAT U

PA 01486
01-6
DUNN, V. W.
HUM, C. W., JR.
NORTH AMERICAN ROCKWELL CORP., LOS ANGELES.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
SUPERSONIC UNSTEADY AERODYNAMICS FOR
WINGS WITH TRAILING EDGE CONTROL SURFACES
AND FOLDED TIPS. FINAL REPORT.
NO FOREIGN
AUG 1966, 215 P, ILLUS, TABLES, 25 REFS
AF33/6157-5417
AFFDL-TR-68-30
NA-68-52
AD-840 599
SUPERSONIC FLOW
AERODYNAMIC CONTROL SURFACES
WINGS
TRAILING EDGE
DIFFERENTIAL EQUATIONS
DIGITAL COMPUTERS
PROGRAMMING /COMPUTERS/

NAT U

PA 01487
02-1
MAKERS, D. T.
CARNALL, J. J.
GENERAL ELECTRIC CO., BINGHAMTON, N. Y.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
DIGITAL MECHANIZATION OF A DISCRETELY
ADAPTIVE FLIGHT CONTROL COMPUTER.
PART I, HARDWARE DESIGN AND FABRICATION.
FINAL REPORT.
NO FOREIGN
APR 1968, 84 P, ILLUS, 4 REFS
F336.5-67-C-1134
ACD-8193-1
AFFDL-TR-68-34, PART I
AD-839 532
FLIGHT CONTROL SYSTEMS
DIGITAL COMPUTERS
ADAPTIVE CONTROL SYSTEMS
FUNCTIONS
COMPUTER LOGIC
FILTERS /ELECTROMAGNETIC WAVE/
ALGOPAK

NAT U

68 01488 NAT U
07-A
WYNNE, R. N.
HUGHES AIRCRAFT CO., CULVER CITY, CALIF.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
DEVELOPMENT OF THREE IMPROVED PRIMARY
FLIGHT CONTROLLER DESIGNS. # FINAL TECHNICAL
REPORT/DRAFT/, 1 MAY 1967 - 1 MAY 1968.
NO FOREIGN
JUL 1968, 31 P, ILLUS
AFFDL-TR-68-72
F33615-67-C-1715
AD-834 351
DESIGN
FLIGHT CONTROL SYSTEMS
MODELS /SIMULATION/
JET PLANES
FLIGHT CONTROLLERS
CIRCUMFERENTIAL CONTROLLERS
VERTICAL GRIP
DUAL SIDEARM CONTROLLER

68 01489 NAT U
02-N
WASSBERG, I.
MALHEIRO, J.
WATKINS, S.
UNITED AIRCRAFT CORP. NORDEN DIV.,
NORWALK, CONN.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
VERTICAL SITUATION DISPLAY FOR
VTOL SIMULATOR. # FINAL REPORT /1 JULY 1966 -
14 FEBRUARY 1968/.
NO FOREIGN
JUN 1968, 40 P, ILLUS, TABLES
AFFDL-TR-68-95
AF33615-5425
AD-840 265
VERTICAL TAKE-OFF PLANES
DISPLAY SYSTEMS
DESIGN
GENERATORS
CATHODE RAY TUBES
FLIGHT SIMULATIONS
VSD /VERTICAL SITUATION DISPLAY/

68 01490 NAT U
02-N
MCKENZIE, G. A.
LUDWIG, J. H., LT. COL.
AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB,
CALIF.
P-1127 /XV-6A/ /VSTOL HANDLING QUALITIES
EVALUATION. # FINAL REPORT.
NO FOREIGN
AUG 1968, 309 P, ILLUS, 12 REFS
FTC-TR-68-10
AD-839 849
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
MANEUVERABILITY
ANALYSIS
FLIGHT TESTING
PITCH /MOTION/
CONTROL
RECONNAISSANCE PLANES
HOVERING
TRANSITION FLIGHT
TAKE-OFF
LANDING
GROUND EFFECT
THRUST
YAW
PITCH
ROLL ANALYSIS
ROLL
P-1127 /XV-6A/AIRCRAFT

68 01491 NAT U
08-C
SMITH, C. C.
DYNES, R. E.
CHORNEY, K. A.
TRW SYSTEMS GROUP, NORTON AFB, CALIF.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
COST EFFECTIVENESS METHODOLOGY. PART I,
GUIDELINES FOR SYSTEM LIFE - CYCLE COSTING. #
FINAL REPORT.
NO FOREIGN
JUL 1968, 238 P, ILLUS, TABLES, 62 REFS
F30602-67-C-0172
TRW R08404-6001-R000
RADC-TR-68-119-VOL-I
AD-840 386
COSTS
EFFECTIVENESS
MATHEMATICAL MODELS
WARFARE
OPERATIONS RESEARCH
EQUATIONS
DATA
PROBABILITY
MATRIX ALGEBRA
METHODOLOGY
LIFE-CYCLE
GUIDELINES
PEACETIME
WAR

68 01492 NAT U
08-C
TERZIAN, R. C.
SMITH, C. C.
CHORNEY, K. A.
TRW SYSTEMS GROUP, NORTON AFB, CALIF.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
COST EFFECTIVENESS METHODOLOGY. PART II,
APPLICATION OF MARKOV CHAIN MODELS
TO DETERMINATION OF WAR STATE PROBABILITIES. #
FINAL REPORT.
NO FOREIGN
JUL 1968, 35 P, TABLES, 9 REFS
F30602-67-C-0172
TRW R08404-6002-R000
RADC-TR-68-119-VOL-II
AD-840 354
COSTS
EFFECTIVENESS
PROBABILITY
WARFARE
MATRIX ALGEBRA
MATHEMATICAL MODELS
DATA
METHODOLOGY
PEACETIME
LIFE-CYCLE
WAR

68 01493 NAT U
 OR-C
 MONROE, A. J.
 MULLIG, L. G.
 SMITH, C. C.
 TRW SYSTEMS GROUP, MORTON AFB, CALIF.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 COST EFFECTIVENESS METHODOLOGY. PART III,
 APPLICATION OF WEISS STATISTICAL DECISION
 THEORY TO COST EFFECTIVENESS DECISION.
 FINAL REPORT.
 NO FOREIGN
 JUL 1968, 156 P, ILLUS, TABLES, 30 REFS
 F30607-67-C-0172
 TRW ROMA06-6003-R000
 RADE-TR-68-110-VOL-III
 AD-840 333
 COSTS
 EFFECTIVENESS
 DECISION MAKING
 STATISTICAL ANALYSIS
 THEORY
 WEAPON SYSTEMS
 SELECTION
 DATA
 OPERATIONS RESEARCH
 PROBABILITY
 FUNCTIONS
 DISTRIBUTION
 METHODOLOGY
 WEISS STATISTICAL DECISION THEORY
 WEST POINT
 VARIABLES

68 01494 NAT U
 OR-H
 WEINGART, H.
 OKEAN, H. C.
 AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y.
 ROME AIR DEVELOPMENT CENTER,
 GRIFFISS AFB, N. Y.
 PARAMETRIC AMPLIFIERS FOR ELECTRONICALLY
 STEERABLE RADAR SYSTEMS. FINAL REPORT.
 NO FOREIGN
 AUG 1968, 64 P, ILLUS, TABLES
 RADE-TR-68-252
 AF30/6027-4164
 AD-839 854
 PARAMETRIC AMPLIFIERS
 INTEGRATED CIRCUITS
 WAVEGUIDE CIRCULATORS
 S-BAND
 DESIGN
 PUMPS
 VARACTOR DIODES
 SOLID STATE PHYSICS
 OPERATION
 EFFECTIVENESS
 PHASE MODULATION
 ALL-PASS PHASE EQUALIZER

68 01496 NAT U
 OR-N
 HARDING, D.
 GONSALVES, J.
 ROEING CO. VERTOL DIV., MORTON, PENNA.
 RATIONALE FOR SELECTION AND EVALUATION
 OF VTOL AIRCRAFT LANDING GEAR CONFIGURATIONS
 FOR SOFT SOIL OPERATION.
 GENERAL DISTRIBUTION
 10 P, ILLUS
 VERTICAL TAKE-OFF PLANES
 LANDING GEAR
 CONFIGURATION
 CLAY
 OPERATION
 LOAD DISTRIBUTION
 MATHEMATICAL ANALYSIS
 SELECTION
 SINKAGE

68 01497 NAT U
 OR-A
 CREAST, J. V.
 AIR FORCE ENVIRONMENTAL TECHNICAL
 APPLICATIONS CENTER, WASHINGTON, D. C.
 BIBLIOGRAPHIES OF CLIMATIC REFERENCES
 AND CLIMATIC MAPS FOR SELECTED COUNTRIES.
 GENERAL DISTRIBUTION
 JUL 1968, 10 P
 USAF-ETAC-TN-68-3
 AD-672 769
 BIBLIOGRAPHIES
 CLIMATOLOGY
 MAPS
 TRANSOCEANIC
 REFERENCES

68 01498 NAT U
 OR-D
 IVERSEN, J. D.
 SANDIA CORP., ALBUQUERQUE,
 ATOMIC ENERGY COMMISSION, WASHINGTON, D. C.
 DATA-REDUCTION TECHNIQUE FOR THE
 ANALYSIS OF NONLINEAR MOTION. RESEARCH
 REPORT.
 GENERAL DISTRIBUTION
 JAN 1967, 32 P, ILLUS, TABLES
 SC-44-64-553
 N68-12343
 EXPERIMENTAL DATA
 PROCESSING
 LEAST SQUARES METHOD
 NONLINEAR SYSTEMS
 PITCH / MOTION/
 DIFFERENTIAL EQUATIONS
 STATISTICAL FUNCTIONS
 COMPARATIVE STUDIES
 YAW
 DEGREES-OF-FREEDOM

68 01499 NAT U
 OR-N
 GEORGE, M.
 KISTELOWSKI, E.
 DOUGLAS, D. S.
 DYNASCIENCES CORP., BLUE BELL, PENNA.
 ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
 INVESTIGATION OF THE DOWNWASH ENVIRONMENT
 GENERATED BY V/STOL AIRCRAFT OPERATING
 IN GROUND EFFECT. FINAL REPORT.
 GENERAL DISTRIBUTION
 JUL 1968, 149 P, ILLUS, TABLES, 27 REFS
 DA44-177-AMC-316/T/
 AD-674 644
 DOWNWASH
 VERTICAL TAKE-OFF PLANES
 SHORT TAKE-OFF PLANES
 GROUND EFFECT
 RESEARCH PLANES
 CONTAMINATION
 ATMOSPHERE
 PILOTS
 VISIBILITY
 GROUND SUPPORT EQUIPMENT
 THEORY
 AVIATION PERSONNEL
 DESIGN
 MATHEMATICAL MODELS
 H-21 HELICOPTER
 XC-142 AIRCRAFT
 X-22A AIRCRAFT
 X-19A AIRCRAFT
 XV-5A AIRCRAFT
 FLOW FIELD

68 01500 NAT U
 09-G
 KLEMA, S. J.
 FRIEHE, J. C.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
 LEWIS RESEARCH CENTER, CLEVELAND.
 ULTRASONIC DETECTION AND MEASUREMENT
 OF FATIGUE CRACKS IN NOTCHED SPECIMENS.#
 GENERAL DISTRIBUTION
 SEP 1968, 28 P, ILLUS, TABLES, 8 REFS
 NASA-TN-D-4782
 N68-35071
 ULTRASONIC RADIATION
 DETECTION
 MEASUREMENT
 FATIGUE /MECHANICS/
 CYLINDRICAL BODIES
 LOADING /MECHANICS/
 ALUMINUM ALLOYS
 TITANIUM ALLOYS
 COHAIL ALLOYS
 STEEL
 FRACTURE /MECHANICS/
 NON-DESTRUCTIVE TESTING
 DATA
 MONITORS
 VOLUME
 AXIAL
 DEPTH
 NOTCHED

68 01501 NAT U
 01-F
 GOETZ, H. C.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
 LANGLEY RESEARCH CENTER, LANGLEY STATION,
 HAMPTON, VA.
 DIVERGENCE OF SOME ALL-MOVABLE
 CONTROL SURFACES INCLUDING DRAG LOADINGS.#
 GENERAL DISTRIBUTION
 OCT 1968, 31 P, ILLUS, TABLES
 NASA-TN-D-4793
 N68-35496
 AERODELASTICITY
 AERODYNAMIC CONTROL SURFACES
 DRAG
 AERODYNAMIC LOADING
 EXPERIMENTAL DATA
 MACH NUMBER
 COMPARATIVE STUDIES
 ENERGY
 MATHEMATICAL ANALYSIS
 DEFLECTION
 DIFFERENTIAL EQUATIONS
 DIVERGENCE
 POTENTIAL ENERGY

68 01502 NAT U
 01-G
 LANDRUM, E. J.
 SHROUT, B. L.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
 LANGLEY RESEARCH CENTER, LANGLEY STATION,
 HAMPTON, VA.
 EFFECT OF SHAPE CHANGES ON THE
 AERODYNAMIC CHARACTERISTICS OF A TWISTED AND
 CAMBERED ARROW WING AT MACH NUMBER 2.03.#
 GENERAL DISTRIBUTION
 OCT 1968, 20 P, ILLUS, TABLES
 NASA-TN-D-4796
 N68-35665
 AERODYNAMIC CHARACTERISTICS
 DELTA WINGS
 MACH NUMBER
 CAMBER
 SHEAR STRESSES
 TRIM
 SUPERSONIC WIND TUNNELS
 PRESSURE
 SWEEP WINGS
 TRAILING EDGE
 MODIFICATION KITS
 TWISTED
 REFLEX

68 01503 NAT U
 01-C
 WILLEN, C. G., III.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
 LANGLEY RESEARCH CENTER, LANGLEY STATION,
 HAMPTON, VA.
 EXPERIMENTAL BASE PRESSURES ON 9 DEGREE
 SPHERICALLY BLUNTED CONES AT MACH NUMBERS FROM
 10.5 TO 20.#
 GENERAL DISTRIBUTION
 OCT 1968, 40 P, ILLUS, REFS
 NASA-TN-D-4800
 N68-35668
 CONICAL BODIES
 MACH NUMBER
 BLUNT BODIES
 PRESSURE
 DISTRIBUTION
 MEASUREMENT
 TEST METHODS
 REYNOLDS NUMBER
 DRAG
 STAGNATION POINT
 HYPERSONIC FLOW
 RADIAL BASE

68 01504 NAT U
 12-D
 MCLAIN, L. J.
 PALITZ, M.
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
 FLIGHT RESEARCH CENTER, EDWARDS, CALIF.
 FLOW-FIELD INVESTIGATIONS ON THE
 X-15 AIRPLANE AND MODEL UP TO HYPERSONIC
 SPEEDS.#
 GENERAL DISTRIBUTION
 SEP 1968, 31 P, ILLUS
 NAS-TN-D-4813
 N68-35173
 RESEARCH PLANES
 HYPERSONIC WIND TUNNELS
 IMPACT SHOCK
 MACH NUMBER
 MEASUREMENT
 HYPERSONIC PLANES
 MODELS /SIMULATIONS/
 HYPERSONIC CHARACTERISTICS
 COMPARATIVE STUDIES
 PRESSURE
 ANGLE OF ATTACK
 FUSELAGES
 TAILS /AIRCRAFT/
 WINGS
 MATHEMATICAL PREDICTION
 FLIGHT TESTING
 X-15 AIRCRAFT

68 01505 NAT U
10-G
DAVIES, P. O. A. L., DR.
SOUTHAMPTON, UNIV., ENGLAND.
INST. OF SOUND AND VIBRATION RESEARCH.
EUROPEAN COLLOQUIUM OF THE STRUCTURE OF
TURBULENCE, MARCH 29-31, 1967. SUMMARIES
OF PAPERS.
GENERAL DISTRIBUTION
1966, 50 P
N67-34721
CONFERENCES
TURBULENCE
ATMOSPHERIC MOTION
BOUNDARY LAYER
CONVECTION
VORTICES
SHEAR STRESSES
PRESSURE
VIBRATION
SOUND
COMBUSTION
HYPERSONIC FLOW
VISCOSITY
ENERGY
VELOCITY
MEASUREMENT
SUPERSONIC FLOW
JETS
OSCILLATION
TIME
CORRELATION TECHNIQUES
TEMPERATURE
LIQUIDS

68 01506 NAT U
09-G
HUGULAK, P.
CANADA, NATIONAL RESEARCH COUNCIL, OTTAWA.
STRESS INTENSITY FACTORS FOR A
CRACK PROGRESSING ALONG A SERIES OF EQUALLY
SPACED HOLES.
GENERAL DISTRIBUTION
JAN 1968, 18 P, ILLUS, TABLES
NRC-NAE-MS-117
N68-33598
STRESSES
INTENSITY
FRACTURE /MECHANICS/
CONFIGURATION
MATHEMATICAL ANALYSIS
FUNCTIONS
COMPARATIVE STUDIES
COLLINEAR SLITS

68 01507 NAT U
02-N
DAW, D. F.
LUM, K.
MCGREGOR, D. M.
CANADA, NATIONAL RESEARCH COUNCIL, OTTAWA.
DESCRIPTION OF A FOUR DEGREES OF
FREEDOM, V/STOL AIRCRAFT, AIRCRAFT SIMULATOR.
GENERAL DISTRIBUTION
FEB 1968, 31 P, ILLUS, TABLES
NRC-NAE-LR-499
AD-674 549
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
AIRCRAFT
SIMULATION
HELICOPTERS
MANEUVERABILITY
FLIGHT CHARACTERISTICS
ANALOG COMPUTERS
AUTOMATIC PILOTS
MAGNETIC RECORDING SYSTEMS
INSTRUMENT LANDINGS
BELL 470-381 HELICOPTER
VERTICAL DEGREE OF FREEDOM

68 01508 NAT U
01-C
MEYER, R. F.
CANADA, NATIONAL RESEARCH COUNCIL, OTTAWA.
PERTURBATIONS OF SIMPLE WEDGE FLOW
RELATING TO AXISYMMETRIC HYPERSONIC INTAKE OR
IMPLUDING CYLINDRICAL SHOCKS.
GENERAL DISTRIBUTION
JAN 1968, 23 P, ILLUS, TABLES
NRC-NAE-LR-496
AD-674 246
HYPERSONIC FLOW
PERTURBATION THEORY
SHOCK WAVES
RAMJET INLETS
EQUATIONS
SERIES
NUMERICAL METHODS AND PROCEDURES

68 01509 NAT U
02-A
GT. BRIT. MINISTRY OF TECHNOLOGY, TECHNICAL
INFORMATION AND LIBRARY SERVICES, LONDON.
PRE-PRESSURE JIG WELDING OF A LARGE
STAINLESS STEEL AIRCRAFT FUEL TANK.
GENERAL DISTRIBUTION
MAR 1968, 34 P, ILLUS
KS/1/0417/C8 43/A/2
ST-MEMO-9/67
N68-34100
WELDING
STAINLESS STEEL
AIRCRAFT
FUEL TANKS
HYDRAULIC SYSTEMS
PNEUMATIC DEVICES
PRE-PRESSURE
HYDRAULIC GUN
PNEUMATIC GUN

68 01510 NAT U
01-C
MAHEV, D. G.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
JET EFFECTS MEASURED ON THE TAIL PLANE OF
THE BRISTOL 108 IN TWO SUPERSONIC
WIND TUNNELS.
NO FOREIGN
AUG 1967, 17 P, ILLUS, 20 REFS
RAE-TM-AERO-1006
AD-832 897
STABILIZERS /HORIZONTAL TAIL SURFACE/
SUPERSONIC WIND TUNNELS
SCHLIEREN PHOTOGRAPHY
AERODYNAMIC FORCES
JET ENGINE NACELLES
MODELS /SIMULATIONS/
ROLL
SHOCK WAVES
MACH NUMBER
BOUNDARY LAYER
SEPARATION
MEASUREMENT
AERODYNAMIC LOADING
BRISTOL 108 AIRCRAFT

68 01511 NAT U
 11
 STANSFIELD, E. V.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 LOCALISER GUIDANCE CHARACTERISTICS
 FOR VARYING TRANSMITTER POSITIONS AND
 TRANSMITTED PULSE LENGTHS IN CORRELATION
 PROTECTED I.L.S.#
 NO FOREIGN
 NOV 1967, 10 P, ILLUS, 4 REFS
 RAE-TN-67290
 AD-832 886L
 LOCALIZERS
 HYPERBOLIC NAVIGATION
 TRANSMITTER-RECEIVERS
 SEPARATION
 ELECTROMAGNETIC PULSES
 APPROACH
 RUNWAYS
 SENSITIVITY
 POSITION
 LENGTH
 COVERAGE

68 01512 NAT U
 03-F
 SCOTT, P. P.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 STUDIES OF TRAFFIC PACKING FOR
 ESTIMATING MID-AIR COLLISION RISKS OVER THE
 NORTH ATLANTIC.# TECHNICAL REPORT.
 NO FOREIGN
 APR 1968, 23 P, ILLUS, TABLES
 RAE-TR-68097
 AD-839 258
 AIR TRAFFIC
 FLIGHT PATTERNS
 AIR TRAFFIC CONTROLLERS
 MATHEMATICAL PREDICTION
 COLLISION AVOIDANCE
 MONTE CARLO METHOD
 PROBABILITY
 SCHEDULING
 STATISTICAL FUNCTIONS
 NORTH ATLANTIC REGION

68 01513 NAT U
 02-G
 SEED, A. N.
 GT. BRIT. NATIONAL GAS TURBINE ESTABLISHMENT,
 PYESTOCK, HANTS, ENGLAND.
 UNCOUPLED LONGITUDINAL STABILITY
 AND CONTROL OF CIRCULATION CONTROLLED ROTOR
 V.T.O.L. AIRCRAFT IN HOVER.#
 GENERAL DISTRIBUTION
 DEC 1967, 51 P, ILLUS, TABLES
 NGT-R297
 AD-827 875
 ROLL
 VERTICAL TAKE-OFF PLANES
 HOVERING
 DIFFERENTIAL EQUATIONS
 ROTOR BLADES /ROTARY WINGS/
 CONTROL SYSTEMS
 GUSTS
 EQUATIONS
 CIRCULATION

68 01514
 10-E
 BUCKLEY, C., DR.
 ROSS, M.
 GT. BRIT. ROYAL RADAR ESTABLISHMENT,
 MALVERN WORKS, ENGLAND.
 THE EFFECT OF ATMOSPHERIC REFRACTION
 ON THE ACCURACY OF RADAR HEIGHT MEASUREMENTS.#
 GENERAL DISTRIBUTION
 OCT 1967, 5 P, ILLUS
 RRE-TN-734
 AD-832 415L
 ATMOSPHERIC REFRACTION
 HEIGHT FINDING
 RADAR EQUIPMENT
 MEASUREMENT
 ERRORS
 MATHEMATICAL MODELS
 REFRACTIVE INDEX
 COMPARATIVE STUDIES

68 01515 R NAT U
 04-E
 HIERING, W. A.
 GRISEL, C. R.
 FEDERAL AVIATION ADMINISTRATION, NATIONAL
 AVIATION FACILITIES EXPERIMENTAL CENTER,
 ATLANTIC CITY.
 FRICTION EFFECTS OF RUNWAY GROOVES,
 RUNWAY 18-36 WASHINGTON NATIONAL AIRPORT.#
 FINAL REPORT.
 GENERAL DISTRIBUTION
 DEC 1968, 19 P, ILLUS, TABLES
 NA-68-316
 OS-68-21
 AD-678 645
 FRICTION
 RUNWAYS
 AIRPORTS
 TEST METHODS
 SURFACE PROPERTIES
 DATA
 ANALYSIS
 VELOCITY
 GROOVES
 WASHINGTON NATIONAL AIRPORT
 FSRFT /FIXED SLIP RUNWAY FRICTION TESTER/

68 01516 R NAT U
 03-A
 PARISIAN, R. W.
 SCHWARTZ, N.
 BECHTEL CORP., VERNON, CALIF.
 FEDERAL AVIATION ADMINISTRATION,
 SYSTEMS RESEARCH AND DEVELOPMENT SERVICE,
 WASHINGTON, D. C.
 DESIGN MODERNIZATION OF ARTCC POWER
 DISTRIBUTION SYSTEM.# FINAL REPORT.
 GENERAL DISTRIBUTION
 JUN 1968, 283 P, ILLUS, 12 REFS
 FA61WA-1761
 SRLS-RD-68-19
 AD-843 664L
 DESIGN
 AIR ROUTE TRAFFIC CONTROL CENTERS
 ALTERNATING CURRENT
 POWER
 DISTRIBUTION
 OPERATIONS RESEARCH
 MAINTAINABILITY
 RELIABILITY
 FAST TIME
 FUSES /ELECTRICAL/
 CIRCUIT BREAKERS
 ELECTRONIC SWITCHES
 PASSENGER VEHICLES
 GROUND /ELECTRICAL/
 MODIFICATION KITS
 NEW YORK
 CHICAGO
 HOUSTON
 LOS ANGELES

68 01517 R NAT U
 02-I
 RICH, P. M.
 FEDERAL AVIATION ADMINISTRATION.
 NATIONAL AVIATION FACILITIES EXPERIMENTAL
 CENTER, ATLANTIC CITY.
 EVALUATION OF EXPERIMENTAL FLIGHT
 DATA RECORDERS IN AN AIRCRAFT CRASH
 ENVIRONMENT.# FINAL REPORT.
 GENERAL DISTRIBUTION
 NOV 1968, 29 P, ILLUS
 NA-68-24
 DS-68-23
 AD-677 781
 FEDERAL AVIATION ADMINISTRATION
 DIGITAL RECORDING SYSTEMS
 MAGNETIC RECORDING SYSTEMS
 CRASH TESTING
 AIRCRAFT
 ANALYSIS
 IMPACT SHOCK
 PENETRATION
 FIRES

68 01518 R NAT U
 10-L
 LEWIS, W., LT. COL.
 FEDERAL AVIATION ADMINISTRATION.
 NATIONAL AVIATION FACILITIES EXPERIMENTAL
 CENTER, ATLANTIC CITY.
 EVALUATION OF UTILITY OF ANNOTATED
 WEATHER OUTLINES.#
 GENERAL DISTRIBUTION
 NOV 1968, 15 P, ILLUS
 NA-68-43
 RD-68-54
 AD-677 461
 FEDERAL AVIATION ADMINISTRATION
 ANALYSIS
 ALL-WEATHER AVIATION
 METEOROLOGICAL RADAR
 AIR TRAFFIC CONTROLLERS
 HUMAN ENGINEERING
 DISPLAY SYSTEMS

68 01519 R NAT U
 06-G
 GREUTMAN, W.
 FEDERAL AVIATION ADMINISTRATION.
 SYSTEMS RESEARCH AND DEVELOPMENT SERVICE,
 WASHINGTON, D. C.
 SOLID STATE PPI RESOLVED SWEEP
 GENERATOR.#
 GENERAL DISTRIBUTION
 MAY 1968, 43 P, ILLUS
 RD-130-32-09A
 FA67WA-1757
 SRDS-RD-68-29
 AD-675 068
 PLAN POSITION INDICATORS
 SWEEP GENERATORS
 SOLID STATE PHYSICS
 ANTENNAS
 CORRELATORS
 CIRCUITS
 RESOLVER

68 01520 R NAT U
 10-C
 MCUNELL, J. E.
 NEWELL, J. E.
 FEDERAL AVIATION ADMINISTRATION. SYSTEMS
 RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
 D. C.
 WEATHER BUREAU, SUITLAND, MD.
 AN EVALUATION OF FORECASTS OF WIND,
 TEMPERATURE AND TROPOPAUSE PRESSURE OBTAINED
 BY NUMERICAL METHODS.# FINAL REPORT.
 GENERAL DISTRIBUTION
 APR 1968, 36 P, ILLUS, TABLES
 RD-153-002-01A
 FA66WA1-110
 SRDS-RD-68-25
 AD-677 940
 ANALYSIS
 WIND
 TEMPERATURE
 TROPOPAUSE
 PRESSURE
 NUMERICAL METHODS AND PROCEDURES
 MATHEMATICAL MODELS
 EQUATIONS
 COMPARATIVE STUDIES
 ERRORS
 PF /PRIMITIVE EQUATION/ MODEL
 TL /THREE-LEVEL/ MODEL

68 01521 R NAT U
 02-C
 PITKART, P.
 CRANE CO. HYDRO-AIRE DIV., BURBANK, CALIF.
 FEDERAL AVIATION ADMINISTRATION. SYSTEMS
 RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
 D. C.
 TAXI SPEED AND DISTANCE INDICATOR.#
 FINAL REPORT.
 GENERAL DISTRIBUTION
 MAY 1968, 12 P, ILLUS
 RD-320-212-06N
 FA68WA-1844
 SRDS-RD-68-46
 AD-677 943
 TAXIING
 VELOCITY
 DISTANCE MEASURING EQUIPMENT
 ALL-WEATHER AVIATION
 SENSING ELEMENTS
 CIRCUITS
 DETECTION
 POWER
 CONTROL PANELS
 GROUND-SPEED INDICATORS
 N-112 /CV-480/ AIRCRAFT
 SPEEDOMETER
 ODOMETER
 CONVERSION

68 01522 R NAT U
 06-J
 MADDOX, J.
 ATLANTIC TECHNOLOGY CORP., SOMERS POINT, N. J.
 RADAR BRIGHT DISPLAY EQUIPMENT
 TEST SET GROUP.# FINAL REPORT.
 GENERAL DISTRIBUTION
 JUN 1968, 129 P, ILLUS
 RD-140-401
 FA67WA-1611
 SRDS-RD-68-22
 AD-677 941
 RADAR EQUIPMENT
 DISPLAY SYSTEMS
 TEST SETS
 TEST METHODS
 AIR TRAFFIC CONTROL SYSTEMS
 AIRPORT RADAR SYSTEMS

68 01524 R NAT U
03-D
HOLT, J.
BLODEN, L.
JAMESON, W.
COLLINS RADIO CO., CEDAR RAPIDS, IOWA.
FEDERAL AVIATION ADMINISTRATION.
SYSTEMS RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
COMPUTER/SIMULATION STUDY OF
AIR DERIVED SEPARATION ASSURANCE SYSTEMS IN
MULTIPLE AIRCRAFT ENVIRONMENT.# THIRD INTERIM
REPORT.
GENERAL DISTRIBUTION
JUL 1968, 185 P, ILLUS
RD-241-003-01C
FA-WA4598
SRUS-RD-68-14
AD-679 201
COMPUTERS
FLIGHT SIMULATORS
COLLISION AVOIDANCE
PILOT WARNING INDICATORS
SYNCHRONIZATION /ELECTRONICS/
GENERAL AVIATION AIRCRAFT
SEPARATION
AIR-TO-AIR
MANEUVERABILITY
STATISTICAL ANALYSIS
ALTITUDE
PROJECTIVE GEOMETRY
ADAS /AIR-DERIVED SEPARATION ASSURANCE SYSTEM
HORIZONTAL

68 01525 R NAT U
05-A
BOOZE, C. F., JR.
FEDERAL AVIATION ADMINISTRATION.
OFFICE OF AVIATION MEDICINE, OKLAHOMA CITY.
USAGE OF COMBINED AIRMAN
CERTIFICATION BY ACTIVE AIRMEN - AN ACTIVE
AIRMAN POPULATION ESTIMATE.#
GENERAL DISTRIBUTION
MAR 1968, 13 P, TABLES
AM-68-5
AD-678 947
AVIATION MEDICINE
LICENSING
PILOTS
STATISTICAL ANALYSIS
POPULATION

68 01526 R NAT U
08-C
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
COST-EFFECTIVENESS ANALYSIS OF THE
AUTOMATION OF AIR TRAFFIC CONTROL FUNCTIONS
AT RADAR TERMINALS.# INTERIM REPORT ON
COST-BENEFITS OF DAIR.
GENERAL DISTRIBUTION
JUL 1968, 17 P
COSTS
EFFECTIVENESS
ANALYSIS
AUTOMATION
AIR TRAFFIC CONTROL SYSTEMS
RADAR EQUIPMENT
TERMINAL FLIGHT FACILITIES
SAFETY
ECONOMICS
DATA /CONTACT ALTITUDE AND IDENTITY READOUT/
ELECTRONICS/

68 01527 R NAT U
12-A
SAIA, J. C.
FEDERAL AVIATION ADMINISTRATION,
OFFICE OF SUPERSONIC TRANSPORT DEVELOPMENT,
WASHINGTON, D. C.
FUEL CONSIDERATIONS IN THE U. S.
SUPERSONIC TRANSPORT PROGRAM.# PRESENTED TO
USAF JET FUEL QUALITY SYMPOSIUM,
SAN ANTONIO, TEXAS /OCTOBER 22-24, 1968.
GENERAL DISTRIBUTION
1968, 11 P, ILLUS
FEDERAL AVIATION ADMINISTRATION
SUPERSONIC TRANSPORTS
KEROSENE
ENGINE FUEL SYSTEMS COMPONENTS
CONTROL
TEMPERATURE
COSTS
ENVIRONMENTAL TESTS
DATA
SYMPOSIA
AVIATION FUELS

68 01528 R NAT U
05-E
COLLINS, W. E.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY.
INFLUENCE OF HEAD POSITION ON THE
HABITUATION OF VERTICAL NYSTAGMUS.# PART IX.
ADAPTATION TO VESTIBULAR DISORIENTATION.
GENERAL DISTRIBUTION
MAR 1968, 6 P, 21 REFS
AM-68-2
AD-677 460
AVIATION MEDICINE
ADAPTATION /PHYSIOLOGY/
VESTIBULAR APPARATUS
HEAD
POSTURE
EYE
MOTION SICKNESS
ACCELERATION
LABORATORY ANIMALS
DATA
CATS /ANIMALS/

68 01530 NAT U
05-B
HARRIS, C. S.
AEROSPACE MEDICAL RESEARCH LABS.,
WRIGHT-PATTERSON AFB, OHIO.
AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO.
HUMAN EQUILIBRIUM DURING ACOUSTIC
STIMULATION BY DISCRETE FREQUENCIES.#
GENERAL DISTRIBUTION
MAY 1968, 11 P, ILLUS, TABLES, 8 REFS
AMRL-TR-68-7
AD-675 172
AVIATION MEDICINE
SOUND
STRESS /PHYSIOLOGY/
OPERATION
EFFECTIVENESS
STATISTICAL ANALYSIS
COMPARATIVE STUDIES
VESTIBULAR APPARATUS
FREQUENCY
STIMULATION
EQUILIBRIUM
HIGH-INTENSITY
SYMMETRICAL
ASYMMETRICAL

48 01531

NAT U

08-G

EVEREST, F. K., JR.
AIR FORCE, DIRECTORATE OF AEROSPACE SAFETY,
MORTON AFB, CALIF.

USAF-INDUSTRY LIFE SUPPORT
CONFERENCE, NOVEMBER 28-DECEMBER 1, 1967.
GENERAL DISTRIBUTION

1967, 123 P

CONFERENCES

AIR FORCE

INDUSTRIES

LOGISTICS

RESEARCH PROGRAM ADMINISTRATION

REPORTS

PROTECTIVE CLOTHING

SURVIVAL KITS

TRAINING

TRAINING DEVICES

LIFE SUPPORT /NON-PHYSIOLOGY/

EGRESS

RECOMMENDATIONS

68 01512

NAT U

09-G

LOPPA, A. P.
GENERAL ELECTRIC CO. SPACE SCIENCES LAB.,
PHILADELPHIA.

APPLICATION OF A PNEUMATIC GUN APPARATUS TO
STRUCTURAL IMPACT STUDIES AT HIGH VELOCITY.
PRESENTED AT THE SIXTH INTERNATIONAL SYMPOSIUM
FOR HIGH SPEED TESTING, BOSTON, MASS., MARCH,
6-7, 1967.

INTERNATIONAL SYMPOSIUM FOR HIGH SPEED
TESTING, 6TH, BOSTON, 1967.

GENERAL DISTRIBUTION
MAR 1967, 49 P, ILLUS

R675D10

AD-809 946

PNEUMATIC SYSTEMS

VELOCITY

IMPACT SHOCK

LOADING /MECHANICS/

STRUCTURAL SHELLS

BUCKLING /MECHANICS/

RESPONSE

TEST METHODS

ALUMINUM

PNEUMATIC GUNS

HIGH-SPEED

48 01534

NAT U

02-A

DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO.

JOINT AIRS EQUIPMENT DIRECTORY.

MAY 1968, 40 P

DDO-AIMS-124

DEPARTMENT OF DEFENSE

DIRECTORIES

AIRCRAFT EQUIPMENT

GROUND SUPPORT EQUIPMENT

AIMS PROGRAM

AGI/AIRSPACE GROUND EQUIPMENT/

- AKRON, J. J.
NAUTIC SCIENCE.#
68 00004 NAT U
- AKROUT, L. H.
SOME FACTORS CONTRIBUTING TO SCALE EFFECT
AT SUPERSONIC SPEEDS.#
68 00288 NAT U
- AKROUT, L. H.
A NUMERICAL METHOD FOR CALCULATING THE
DYNAMIC BEHAVIOUR OF A SIMPLE CATERHAY
OVERHEAD CONTACT SYSTEM FOR ELECTRIC
RAILWAY TRACTION.#
68 00175 NAT U
- AKRIS, P. H.
SCATTER FACTORS AND DESIGN CHARTS.#
PART I.
68 00117 NAT U
- AKRIS, J. J.
MANAGEMENT ANALYSIS OF BITS AND PIECES
AFFECTING END ITEM REPAIR.#
68 00418 NAT U
- ACADEMY OF SCIENCES OF THE U.S.S.R. INST. OF
THE HISTORY OF SCIENCE AND ENGINEERING. |
RUSSIAN SOLID-FUEL ROCKETS.#
68 00197 NAT U
- AKEN, H. A.
NAVIGATION PERFORMANCE STUDIES FOR SPACE
NAVIGATION USING THE NASA CV-990 RESEARCH
AIRCRAFT.#
68 01087 NAT U
- AKEN, G.
A LUN-MINIATURE DELAY LINE.# FINAL
REPORT.
68 00002 NAT U
- AKER, T. G.
AIRCRAFT COATING, TESTING AND
EVALUATION.# FOURTH INTERIM ENGINEERING
REPORT.
68 00104 NAT U
- AKHLYA, A. M.
DESCRIPTION OF THE AUTOMATED TASKS
INCLUDED IN THE MITRE AIRLIFT CONTROL
CENTER VALCC.#
68 00912 NAT U
- ADAMZAK, R. L.
PROCEEDINGS OF THE AFML HYDRAULIC FLUIDS
CONFERENCE.#
68 01153 NAT U
- ADAMS, M. F. & CO., LTD., TOKYO, JAPAN. |
THE MARKET FOR AIRCRAFT COMMUNICATIONS
EQUIPMENT IN JAPAN-PART II.#
68 00457 NAT U
- ADAMS, J. F. & CO., TOKYO, JAPAN. |
THE MARKET FOR AIRCRAFT MAINTENANCE
EQUIPMENT IN JAPAN.# PART I.
68 00445 NAT U
- ADAMS, L. M.
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE 4-7 APRIL 1967.#
68 00117 NAT U
- ADAMS, J. A.
THE FORGETTING OF INSTRUMENT FLYING SKILLS
AS A FUNCTION OF THE LEVELS OF INITIAL
PROFICIENCY.#
68 01229 NAT U
- ADAMS, J. J.
ANALYSIS OF HUMAN RESPONSE IN COMBINED
CONTROL TASKS.#
68 00638 NAT U
- ADAMSON, W. M.
FEASIBILITY STUDY OF ADVANCED V/STOL
PROPELLER TECHNOLOGY.# FINAL REPORT.
68 01249 NAT U
- ADCO, INC., CAMBRIDGE, MASS. |
CHARACTERIZATION OF AIR-TO-GROUND VHF AND
UHF PROPAGATION MEDIA.# WORKING PAPER.
68 01464 R NAT U
- ADVANCED TECHNOLOGY CORP., TIMONIUM, MD. |
RADAR IMAGING.# FINAL REPORT.
68 00109 NAT U
- AERO MEDICAL SAFETY DIV., DIRECTORATE OF
FLIGHT SAFETY RESEARCH. |
LETHAL LESIONS INCURRED IN AIRCRAFT
ACCIDENTS.#
68 70011 NAT U
- AERODYNAMISCHE VERSUCHSANSTALT, GOETTINGEN, |
GERMANY. |
FLIGHT TESTS AND WIND-TUNNEL.# PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
68 01042 NAT U
- ALUJET-GENERAL CORP., AZUSA, CALIF. |
RESEARCH TO OPTIMIZE THE FILAMENT-WOUND
TORSIONAL STIFFNESS TO PROVIDE PERFORMANCE TO TESTS
OF SPECIFICATION MIL-T-9041D AT MINIMUM
WEIGHT.#
68 00428 NAT U
- AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON, |
INC., PRINCETON, N. J. |
A STUDY OF THE MEAN AND TURBULENT STRUCTURE
OF A FREE JET AND JET IMPINGEMENT HEAT
TRANSFER.#
68 00560 NAT U
- AERONAUTICAL SYSTEMS DIV. DEPUTY FOR FLIGHT |
TEST, WRIGHT-PATTERSON AFB, OHIO. |
AERODYNAMIC EVALUATION OF THE RC-135C
AIRCRAFT.#
68 00247 NAT U
- AERONAUTICAL SYSTEMS DIV. SYSTEMS ENGINEERING |
GROUP, WRIGHT-PATTERSON AFB, OHIO. |
DEVELOPMENT OF IMPROVED GUST LOAD
CRITERIA FOR UNITED STATES AIR FORCE
AIRCRAFT.# FINAL REPORT.
68 00877 NAT U
- AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON |
AFB, OHIO. |
CATEGORY II CLIMATIC LABORATORY TEST OF THE
CH-53 HELICOPTER.#
68 00455 NAT U

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO. 1

CHARTS OF CORRECTIONS TO AIRBORNE RADAR
OBSERVATIONS FOR REFRACTION BY TERRESTRIAL
ATMOSPHERES. 8
68 00526 NAT U

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO. 1

CIVIL AND MILITARY AIRFIELDS. 8 PART I.,
VOLUME I.
68 00667 NAT U

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO. 1

PAVEMENT UPGRADING FOR THE KC-135. 8
PART II, VOLUME I.
68 00868 NAT U

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO. 1

SPECTRUM SIGNATURE OF AN/APN-133 RADAR
ALTIMETER. 8 FINAL REPORT.
68 00906 NAT U

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO. 1

CIVIL AND MILITARY AIRFIELDS. 9 VOLUME I,
PART I.
68 00924 NAT U

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO. 1

BASIC STRUCTURAL LOADS DATA FOR THE B-70
PROTOTYPE AIR VEHICLE SIX ENGINE TURBOJET
BUMPER. 8
68 01166 NAT U

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO. 1

THERMODYNAMICS FLIGHT TEST INSTRUMENTATION
FOR THE MODEL XB-70 AIR VEHICLE. 8 NUMBER II.
68 01169 NAT U

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO. 1

THERMODYNAMICS FLIGHT TEST INSTRUMENTATION
FOR THE MODEL XB-70A AIR VEHICLE. 8 NUMBER I.
68 01170 NAT U

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO. 1

ANALYSIS OF EXTERNAL AERODYNAMIC EFFECT
OF INLET OPERATION ON THE XB-70 AT MACH
NUMBERS OF 1.2 TO 3.5 IN THE NORTH AMERICAN
AVIATION TRANSONIC WIND TUNNEL AND THE AMES
6 X 7 SUPERSONIC WIND TUNNEL. 8
68 01171 NAT U

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO. 1

AERODYNAMIC EVALUATION OF THE XB-70 AIR
INDUCTION SYSTEM. 8
68 0117 NAT U

AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO. 1

DOC AIMS EQUIPMENT DIRECTORY. 8
68 01534 NAT U

AEROSPACE AND ELECTRONIC SYSTEMS, LOS ANGELES. 1

1967 WINTER CONVENTION ON AEROSPACE AND
ELECTRONIC SYSTEMS. 8 VOLUME VI, PRESENTED AT
WINTER CONVENTION ON AEROSPACE AND ELECTRONIC
SYSTEMS FEBRUARY 7-9, 1967. 8
68 00613 NAT U

AEROSPACE CORP., EL SEGUNDO, CALIF. 1

REMOTE SENSING OF RAIN BY RADAR. 8
68 01170 NAT U

AEROSPACE CORP., EL SEGUNDO, CALIF. 1

MILITARY COMMUNICATION SATELLITES. 8
68 01119 NAT U

AEROSPACE INDUSTRIES ASSN. OF AMERICA, INC. 1

VERTICAL AIR LIFT COUNCIL, WASHINGTON, D. C. 1

THE ECONOMICS OF VTOL SYSTEMS. 8
68 01286 NAT U

AEROSPACE INDUSTRIES ASSOC., WASHINGTON, D. C. 1

EVALUATION OF ALUMINUM ALLOY 7001-T73. 8
68 00652 NAT U

AEROSPACE MEDICAL DIV., AEROSPACE MEDICAL
RESEARCH LABS., WRIGHT-PATTERSON AFB, OHIO. 1

TARGET DETECTION ON SIDE-LOOKING RADAR
WHEN IMAGE MOTION CAN BE TEMPORARILY
DELAYED. 8 FINAL REPORT / JANUARY 1966 TO
NOVEMBER 1966/.
68 01101 NAT U

AEROSPACE MEDICAL DIV., DEPUTY FOR RESEARCH AND
DEVELOPMENT, WOODS AFB, TEX. 1

APPLICATION OF TIME AND WORKLOAD ANALYSIS
TECHNIQUES TO TRANSPORT FLYERS. 8
68 00670 NAT U

AEROSPACE MEDICAL DIV., BROOKS AFB, TEX. 1

VISUAL ILLUSIONS AND AIRCRAFT ACCIDENTS. 8
68 00706 NAT U

AEROSPACE MEDICAL RESEARCH LABS., 1
WRIGHT-PATTERSON AFB, OHIO. 1

A STUDY OF AIR FORCE FLIGHT SIMULATOR
PROGRAMS. 8
68 00188 NAT U

AEROSPACE MEDICAL RESEARCH LABS., 1
WRIGHT-PATTERSON AFB, OHIO. 1

HUMAN EQUILIBRIUM DURING ACOUSTIC
STIMULATION BY DISCRETE FREQUENCIES. 8
68 01530 NAT U

AEROSPACE PRODUCTS RESEARCH CORP., SANTA
MONICA, CALIF. 1

COMPUTER DRIVEN ELECTROLUMINESCENT
VERTICAL SCALE INDICATOR. 8
68 00208 NAT U

AEROSPACE RESEARCH PILOT SCHOOL, EDWARDS AFB, 1
CALIF. 1

PERFORMANCE FLIGHT TESTING THEORY. 8
68 01173 NAT U

AEROSPACE RESEARCH PILOT SCHOOL, EDWARDS AFB, 1
CALIF. 1

PERFORMANCE FLIGHT TEST TECHNIQUES. 8
68 01174 NAT U

AMARAH, R. C. I
MANEUVERABILITY AND GUST RESPONSE PROBLEMS
ASSOCIATED WITH LOW-ALTITUDE, HIGH-SPEED
FLIGHT. #
68 00650 NAT U

AMERS, F. B. I
CIVIL AND MILITARY AIRFIELDS. # PART I.,
VOLUME I.
68 00667 NAT U

AMERS, F. B. I
PAVEMENT UPGRADING FOR THE KC-135. #
PART II, VOLUME I.
68 00668 NAT U

AMERS, F. B. I
CIVIL AND MILITARY AIRFIELDS. # VOLUME I,
PART I.
68 00669 NAT U

AMERS, C. M. I
NAKKA HAND CROSS-CORRELATION ANALYSIS OF
FLUCTUATING PRESSURES BENEATH A TURBULENT
BOUNDARY LAYER. #
68 00975 NAT U

AIR CANADA, MONTREAL. I
THE SCIENCE OF EQUIPMENT USAGE. # PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
68 01049 NAT U

AIR FORCE AERO PROPULSION LAB., WRIGHT-
PATTERSON AFB, OHIO. I
THE THREE LUBE BLANKING AND FLOATING KING
BLANKING. # PART VII, FINAL REPORT.
68 01077 NAT U

AIR FORCE AERO PROPULSION LAB., WRIGHT-
PATTERSON AFB, OHIO. I
ANALYSIS OF REPRODUCIBILITY AND
REPEATABILITY OF BEARING-LUBRICANT DEPOSITION
RATINGS. # SUMMARY TECHNICAL REPORT /MARCH
1965 TO SEPTEMBER 1967.
68 01078 NAT U

AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
PHYSICAL AND CHEMICAL PROPERTIES OF
JP-4 JET FUEL FOR 1966. #
68 00374 NAT U

AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
DEVELOPMENT OF A HAZARDOUS VAPOR
DETECTION SYSTEM FOR ADVANCED AIRCRAFT. #
68 00497 NAT U

AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
A GAS-LIQUID CHROMATOGRAPHIC METHOD OF
ANALYSIS FOR SYNTHETIC TURBINE ENGINE
LUBRICANTS. #
68 00534 NAT U

AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
EVALUATION OF FLAME ARRESTOR MATERIALS
FOR AIRCRAFT FUEL SYSTEMS. #
TECHNICAL REPORT.
68 00613 NAT U

AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
TRANSACTIONS OF THE THIRD AEROSPACE
EXPANDABLE AND MODULAR STRUCTURES
CONFERENCE. # HELD AT THE CARLTON HOTEL,
MIAMI BEACH, FLORIDA; MAY 16, 17 AND 18,
1967.
68 01136 NAT U

AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
EXPERIMENTAL INVESTIGATIONS OF
GROUND-JET SUPPRESSION FENCES FOR VTOL
AIRCRAFT PREPARED SITES. # FINAL TECHNICAL
REPORT /JANUARY 1966 TO DECEMBER 1967.
68 01166 NAT U

AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
ENGINE OVERHEAT HAZARD DETECTION
SYSTEM. # FINAL TECHNICAL REPORT /MARCH 1967
TO FEBRUARY 1968.
68 01216 NAT U

AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
INVESTIGATION OF PYROTECHNIC GENERATED
GAS DISCHARGE FIRE EXTINGUISHING SYSTEM. #
FINAL REPORT.
68 01270 NAT U

AIR FORCE AEROPROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
EXPLORATORY DEVELOPMENT PROGRAM TO
PROVE THE FEASIBILITY OF SOLID-STATE
SWITCHING FOR A COMPLEX ELECTRICAL CONTROL
NETWORK. #
68 00108 NAT U

AIR FORCE AEROPROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
A STUDY OF THE INFLUENCE OF LUBRICANTS ON
HIGH-SPEED ROLLING-CONTACT BEARING
PERFORMANCE. #
68 00375 NAT U

AIR FORCE AEROPROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
REVIEW OF IGNITION AND FLAMMABILITY PROPERTIES
OF LUBRICANTS. #
68 00578 NAT U

AIR FORCE AEROPROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
MICROCIRCUIT COMPUTERS FOR FIRE AND
OVERHEAT DETECTION IN MANNED FLIGHT VEHICLES. #
68 00586 NAT U

AIR FORCE AEROPROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO. I
INTEGRATED FIRE AND OVERHEAT DETECTION
SYSTEM FOR MANNED FLIGHT VEHICLES. #
68 00587 NAT U

AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB,
OHIO. I
STUDY AND EXPERIMENTATION OF RAPID REACTION
INERTIAL NAVIGATION SYSTEMS. #
68 00676 NAT U

AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB,
OHIO. I
DEVELOPMENT OF LOW COST INERTIAL
GYRO. #
68 00165 NAT U

AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB, OHIO. |
RELATIONSHIPS BETWEEN CONTINUOUSLY SCALED, PERIODIC AND LOG-PERIODIC STRUCTURES WITH APPLICATIONS TO LOG-PERIODIC ANTENNAS.#
68 00480 NAT U

AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB, OHIO. |
A LIMITED SCAN ANTENNA.#
68 00541 NAT U

AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB, OHIO. |
A TECHNICAL REPORT ON THE INVESTIGATION OF SELECTED FREQUENCY INDEPENDENT ARRAYS.#
TECHNICAL REPORT VIII.
68 01062 NAT U

AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB, OHIO. |
DESCRIPTION OF ENERGY TRANSFER IN TURBULENT AIR.# TECHNICAL REPORT.
68 01141 NAT U

AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB, OHIO. |
EXPERIMENTAL DEVELOPMENT OF DYNAMIC STATIC DISCHARGER SYSTEM FOR LARGE JET AIRCRAFT.# TECHNICAL FINAL REPORT /JULY 1966 TO AUGUST 1967/.
68 01147 NAT U

AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB, OHIO. |
TECHNIQUES FOR INTERGRATING SOLID-STATE CIRCUITRY INTO ANTENNAS.#
INTERIM TECHNICAL REPORT /1 DECEMBER 1967 TO 29 FEBRUARY 1968/.
68 01250 NAT U

AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB, OHIO. |
LOW COST DIGITAL DATA COMMUNICATIONS LINK.# FINAL TECHNICAL REPORT /JANUARY 1966 TO FEBRUARY 1968/.
68 01165 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. |
HANSCOM FIELD, BEDFORD, MASS. |
A LARGE DYNAMIC RANGE MICROWAVE POWER MEASUREMENT SYSTEM EMPLOYING FEEDBACK.#
68 00577 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., OFFICE OF |
AEROSPACE RESEARCH, BEDFORD, MASS. |
LOW FREQUENCY ELECTRIC FIELD CHARACTERISTICS OF CLEAR AIR TURBULENCE.#
68 00130 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., OFFICE OF |
AEROSPACE RESEARCH, BEDFORD, MASS. |
TESTING AND FURTHER DEVELOPMENT OF AN ELECTRONIC CLOUD DETECTOR.#
68 01074 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD, |
MASS. |
TRANSMISSION LINE PARAMETER MEASUREMENTS - STANDING WAVE IMPEDANCE PROBE.#
68 00323 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD, |
MASS. |
CONTOUR DESCRIPTOR PROPERTIES OF VISUAL SHAPE.#
68 00554 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD, |
MASS. |
STUDY OF APPLICATION OF ANTENNA OPTIMIZATION TECHNIQUES.#
68 00367 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD, |
MASS. |
RADAR DISTANCE MEASUREMENT AND POSITION FIXING - A SURVEY AND EVALUATION OF TECHNIQUES AND SYSTEMS.#
68 00504 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD, |
MASS. |
AN ANALYSIS OF THE AN/FPS-16-ROSE SYSTEM.#
68 01102 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., BEDFORD, |
MASS. |
DESIGN AND DEVELOPMENT OF PARTIALLY UNIFORM ARRAYS.# FINAL SCIENTIFIC REPORT /1 FEBRUARY 1966 TO 31 JANUARY 1968/.
68 01121 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. |
HANSCOM FIELD, BEDFORD, MASS. |
RADIO SCIENCE.#
68 00064 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. |
HANSCOM FIELD, BEDFORD, MASS. |
LASER ACTIVITIES AND BACKGROUND RADIATION STUDIES.#
68 00086 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. |
HANSCOM FIELD, BEDFORD, MASS. |
MODIFICATION OF BACKSCATTERING OF A LOOP BY IMPEDANCE LOADING.#
68 00138 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. |
HANSCOM FIELD, BEDFORD, MASS. |
THE EFFECT OF A FOREGROUND RIDGE ON THE GAIN AND PATTERN OF AN ANTENNA.#
68 00322 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. |
HANSCOM FIELD, BEDFORD, MASS. |
HIGH-GAIN UHF BACKFIRE ANTENNA FOR COMMUNICATIONS, TELEMETRY, AND RADIO ASTRONOMY.#
68 00388 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. |
HANSCOM FIELD, BEDFORD, MASS. |
RADAR RETURN FROM TARGETS HIDDEN BY GROUND CLUTTER.#
68 00678 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. |
HANSCOM FIELD, BEDFORD, MASS. |
A METHOD OF OBTAINING THE IMPEDANCE OF AN ANTENNA IN A DISSIPATIVE MEDIUM FROM THAT IN AIR. # SCIENTIFIC INTERIM REPORT.
68 01219 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. I
HANSCOM FIELD, BEDFORD, MASS. I
THE DEVELOPMENT OF A CONSTITUTIVE RELATION
FOR NITROGEN BALLOON FILMS. SCIENTIFIC
INTERIM REPORT.
68 01220 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. I
HANSCOM FIELD, BEDFORD, MASS. I
ON A CAUSE OF FAILURE OF HIGH ALTITUDE
PLASTIC BALLOONS. SCIENTIFIC INTERIM
REPORT.
68 01221 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. I
HANSCOM FIELD, BEDFORD, MASS. I
AN ANALYSIS OF THE PERFORMANCE OF THE
THREE-STATION SPANSA NETWORK FOR DETECTING
AND TRACKING THUNDERSTORM ACTIVITY.
68 01327 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. I
HANSCOM FIELD, BEDFORD, MASS. I
CLOUD DETECTION CAPABILITY OF OPERATIONAL
AN/TW-11 RADAR SETS DURING 1965-1967.
68 01333 NAT U

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. I
HANSCOM FIELD, BEDFORD, MASS. I
IMPROVED ANALOG VOICE COMMUNICATIONS.
68 01401 NAT U

AIR FORCE COMMUNICATIONS SERVICE, OFFICE OF
OPERATIONS RESEARCH ANALYSIS, SCOTT AFB, ILL. I
FIXED GROUND POWER IN SUPPORT OF
COMMUNICATIONS AND ELECTRONIC EQUIPMENT.
68 00286 NAT U

AIR FORCE COMMUNICATIONS SERVICE, OPERATIONS
RESEARCH ANALYSIS OFFICE, SCOTT AFB, ILL. I
NON-MILAR POWER SYSTEMS
OPERATIONAL AND COST ANALYSIS. PART II.
68 00227 NAT U

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS
CENTER, WASHINGTON, D. C. I
CLIMATOLOGICAL ESTIMATES OF CLOCK-HOUR
RAINFALL RATES.
68 01377 NAT U

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS
CENTER, WASHINGTON, D. C. I
INTERRELATION OF IONOSPHERIC SPOT E
WITH THUNDERSTORMS AND JET STREAMS.
68 01379 NAT U

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS
CENTER, WASHINGTON, D. C. I
ESTIMATING CONDITIONAL PROBABILITY
AND PERSISTENCE.
68 01381 NAT U

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS
CENTER, WASHINGTON, D. C. I
BIBLIOGRAPHIES IN CLIMATIC REFERENCES
AND CLIMATIC MAPS FOR SELECTED COUNTRIES.
68 01497 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-I
PATTERSON AFB, OHIO. I
BULK SEMICONDUCTOR CONTROL CIRCUITRY FOR
SOLID STATE DISPLAYS.
68 00742 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-I
PATTERSON AFB, OHIO. I
TECHNOLOGY APPRAISAL-EXPERIMENTAL DATA AND
METHODOLOGY. VOLUME III.
68 01059 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-I
PATTERSON AFB, OHIO. I
NEW APPROACHES TO HUMAN-PILOT/VEHICLE
DYNAMIC ANALYSIS.
FINAL REPORT /MARCH 1966 TO JUNE 1967.
68 01111 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-I
PATTERSON AFB, OHIO. I
OPTIMIZATION OF LINEAR AND NONLINEAR
SYSTEMS BY MINIMIZATION OF AUXILIARY
EFFORT. FINAL REPORT.
68 01112 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-I
PATTERSON AFB, OHIO. I
PILOT-IN-THE-LOOP SIMULATION STUDY OF
DIRECT LIFT CONTROL. VOLUME II, FINAL REPORT
/MARCH 1967 TO FEBRUARY 1968.
68 01263 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-I
PATTERSON AFB, OHIO. I
STUDY OF LIQUID METAL NAK-77 FOR
APPLICATION IN FLIGHT CONTROL SYSTEMS.
FINAL TECHNICAL REPORT.
68 01482 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-I
PATTERSON AFB, OHIO. I
SACKROWING AND REVEN OF STATE OF
THE ART. VOLUME II, FINAL REPORT.
68 01484 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-I
PATTERSON AFB, OHIO. I
DESIGN CRITERIA FOR THE PREDICTION AND
PREVENTION OF PANEL FLUTTER.
CRITERIA PRESENTATION. VOLUME I,
FINAL REPORT.
68 01484 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-I
PATTERSON AFB, OHIO. I
TRANSONIC UNSTEADY AERODYNAMICS
FOR PLANAR WINGS WITH TRAILING EDGE CONTROL
SURFACES. FINAL REPORT /1 AUGUST 1966 TO
31 NOVEMBER 1967.
68 01485 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-I
PATTERSON AFB, OHIO. I
SUPersonic UNSTEADY AERODYNAMICS FOR
WINGS WITH TRAILING EDGE CONTROL SURFACES
AND FOLDED TIPS. FINAL REPORT.
68 01486 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-I
PATTERSON AFB, OHIO. I
DIGITAL MECHANIZATION OF A DISCRETELY
ADAPTIVE FLIGHT CONTROL COMPUTER.
PART I, HARDWARE DESIGN AND FABRICATION.
FINAL REPORT.
68 01487 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO. |
DEVELOPMENT OF THREE IMPROVED PRIMARY
FLIGHT CONTROLLER DESIGNS.# FINAL TECHNICAL
REPORT/DRAFT, 1 MAY 1967 - 1 MAY 1968.
68 01488 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO. |
VERTICAL SITUATION DISPLAY FOR
VTOL SIMULATOR.# FINAL REPORT /1 JULY 1966 -
14 FEBRUARY 1968/.
68 01489 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
AIR CUSHION LANDING GEAR FEASIBILITY
STUDY.#
68 00113 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
PROJECT HICAT AN INVESTIGATION OF
HIGH ALTITUDE CLEAR AIR TURBULENCE.#
VOLUME I.
68 00349 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
AN APPRAISAL OF THE STRUCTURAL LOADS
PROGRAM OF THE SIX-DEGREE-OF-FREEDOM FLIGHT-
PATH COMPUTER PROGRAM.#
68 00350 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
IN-FLIGHT EVALUATION OF LATERAL-
DIRECTIONAL HANDLING QUALITIES FOR THE
FIGHTER MISSION.#
68 00361 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
BOUNDARY LAYER PRESSURE FLUCTUATIONS
AND STRUCTURAL RESPONSE.#
68 00382 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
THE RESPONSE OF SIMPLE PANELS TO
TURBULENT BOUNDARY LAYER EXCITATION.#
68 00383 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
DEVELOPMENT OF LABORATORY MODEL
FATIGUE CRACK DETECTION DEVICE BASED ON
INFRARED TECHNIQUES.#
68 00384 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
LOADS REQUIREMENTS FOR AEROSPACE
VEHICLE STRUCTURES.#
68 00385 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
ENGINEERING MEMORANDUM FOR THE PROTOTYPE
ELECTRONIC FLIGHT PROFILE INDICATOR.#
68 00389 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
MISSION CONTROL FUEL MANAGEMENT TECHNIQUES
FOR AIRCRAFT.#
68 00437 U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
PROJECT HICAT AN INVESTIGATION OF HIGH
ALTITUDE CLEAR AIR TURBULENCE.#
68 00513 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
A FINITE ELEMENT ANALYSIS OF SIMPLE
PANEL RESPONSE TO TURBULENT BOUNDARY LAYERS.#
68 00514 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
AN EXPERIMENTAL SIMULATION OF GUST LOADING
ON SUPERSONIC VEHICLES.#
68 00516 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
EXPERIMENTAL FLIGHT INSTRUMENTS.#
68 00535 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
ACCOMMODATION EFFECTS IN MULTI-COLOR
DISPLAYS.#
68 00536 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
AIRCRAFT GROUND-FLOTATION INVESTIGATION.#
PART I- BASIC REPORT.
68 00553 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
DISPLAY AND CONTROL REQUIREMENTS STUDY FOR
V/STOL TACTICAL AIRCRAFT.# VOLUME I. ANALYSES
68 00601 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
PROJECT HICAT AN INVESTIGATION OF HIGH
ALTITUDE CLEAR AIR TURBULENCE.# VOLUME III.
APPENDICES IX AND X.
68 00610 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
OPTIMAL DECOUPLING CONTROL APPLIED
TO THE LATERAL-DIRECTIONAL AXES OF A SWEEP
WING AIRCRAFT.# PART II.
68 00857 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
A SURVEY OF THEORETICAL DYNAMIC ANALYSIS
METHODS FOR AUTOMATIC FLIGHT CONTROL
DESIGN.# FINAL REPORT.
68 01138 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., |
WRIGHT-PATTERSON AFB, OHIO. |
NUMERICAL DATA.# VOLUME II, FINAL
REPORT /JUNE 1966 TO OCTOBER 1967/.
68 01162 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
MATHEMATICAL FORMULATION.# VOLUME I,
FINAL REPORT /JUNE 1966 TO OCTOBER 1967/.
68 01163 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
IRISAFE/SIDAL CONTROL AUGMENTATION SYSTEM.#
FINAL REPORT.
68 01213 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
AN INVESTIGATION OF A WIDE BAND NOISE
GENERATOR.# FINAL REPORT.
68 01214 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
WING-BODY INTERFERENCE EFFECTS.# PART I,
FINAL REPORT /JANUARY 4, 1965 TO JANUARY 3,
1967/.
66 01227 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
A DIRECT LIFT CONTROL SYSTEM FOR FLIGHT
TEST IN THE F-104.# VOLUME III, FINAL REPORT
/MARCH 1967 TO FEBRUARY 1968/.
68 01264 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
INTEGRATION OF HIGH CONTRAST SOLID-STATE
DISPLAYS AND ADVANCED CONTROL CIRCUITRY.#
FINAL TECHNICAL REPORT /MARCH 1966 TO MAY
1967/.
66 01265 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
PRELIMINARY DESIGN OF DIRECT LIFT
CONTROLS.# VOLUME I.
68 01266 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
LOCATION OF ROUGH AREAS OF RUNWAYS FOR B-52
AIRCRAFT.# VOLUME III, DIGITAL COMPUTER
PROGRAM. FINAL REPORT /JUNE 1966 TO OCTOBER
1967/.
69 01267 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
LOCATION OF ROUGH AREAS OF RUNWAYS FOR
B-52 AIRCRAFT.# VOLUME IV, NUMERICAL RESULTS.
68 01268 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
DEVELOPMENT OF SOLID STATE DISPLAY CONTROL
CIRCUITRY.# TECHNICAL REPORT /SEPTEMBER 1966
TO JUNE 1967/.
68 01269 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
TACTICAL INSTRUMENT LANDING SYSTEM STUDY.#
68 01311 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
TACTICAL INSTRUMENT LANDING /TACLAND/
SYSTEM STUDY.#
68 01312 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
TACLAND STUDIES - TACTICAL INSTRUMENT
LANDINGS.#
68 01313 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
FLIGHT TEST INVESTIGATION OF TRANSONIC
SHOCK-BOUNDARY LAYER PHENOMENA.#
68 01314 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
AN EVALUATION OF PROCEDURES FOR CALCULATING
AERODYNAMIC LOADS.# FINAL REPORT /MARCH TO
DECEMBER 1967/.
68 01331 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL SURFACE CONFIGURATIONS IN
SUBSONIC FLOW.-THEORETICAL DEVELOPMENT.#
PART I, FINAL REPORT/JUNE 1966 TO SEPTEMBER
1967/.
68 01332 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL-SURFACE CONFIGURATIONS IN
SUBSONIC FLOW.# PART 22, DIGITAL COMPUTER
PROGRAM. FINAL REPORT /JUNE 1966 TO SEPTEMBER
1967/.
68 01333 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
AN OPTIMAL CONTROL METHOD FOR PREDICTING
CONTROL CHARACTERISTICS AND DISPLAY
REQUIREMENTS OF MANNED-VEHICLE SYSTEMS.#
FINAL REPORT /1 JULY 1966 TO 31 AUGUST 1967/.
68 01334 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
SYNTHESIS OF A MULTIFUNCTIONAL TACTICAL
LANDING SYSTEM.#
68 01335 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
GUIDANCE CONCEPTS FOR THE TACTICAL
INSTRUMENT LANDING SYSTEM /TACLAND/.#
68 01336 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
FLIGHT TEST INVESTIGATION OF TRANSONIC
SHOCK-BOUNDARY LAYER PHENOMENA.# VOLUME II,
TECHNICAL REPORT.
68 01372 NAT U

AIR FORCE FLIGHT DYNAMICS LAB., I
WRIGHT-PATTERSON AFB, OHIO. I
HUMAN TRANSFER CHARACTERISTICS IN FLIGHT
AND GROUND SIMULATION FOR THE ROLL TRACKING
TASK.#
68 01373 NAT U

AUTHOR INDEX

04/010 1

AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF. |
ON V/STOL TERMINOLOGY, EDWARDS AFB, CALIF. |
V/STOL TERMINOLOGY.#
68 00143 NAT U

AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF. |
EVALUATION OF THE C-130E STABILITY AND
CONTROL CHARACTERISTICS DURING TANDEM,
SEQUENTIAL AND SINGLE-PLATFORM LAPES
DELIVERIES AND AIRCRAFT DELIVERIES.#
68 00326 NAT U

AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF. |
PERFORMANCE EVALUATION OF A 25,000-TU
25,000-PHON CAPACITY EXTRACTION SYSTEM
FOR THE C-141A AIRCRAFT.#
68 00327 NAT U

AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF. |
C-47A/F LIMITED PERFORMANCE
TESTS.#
68 00328 NAT U

AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF. |
EVALUATION OF THE BAK-11/F AIRCRAFT
ARRESTING BARRIER ENGAGING DEVICE.#
68 00311 NAT U

AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF. |
DETERMINATION OF ENGINE/PROPELLER
OPERATING ENVELOPE AND DEVELOPMENT OF A LANDIN
PATTERN FOR C-130A/J AIRCRAFT WITH MULTIPLE/
TWIN PROPELLERS IN FIXED PITCH.#
68 00312 NAT U

AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF. |
CATEGORY II/III SYSTEMS EVALUATION.#
68 00313 NAT U

AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF. |
CATEGORY II PERFORMANCE TEST ON THE CH-3C
HELICOPTER.# FINAL REPORT.
68 01176 NAT U

AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF. |
P-1127 /XV-6A/ V/STOL HANDLING QUALITIES
EVALUATION.# FINAL REPORT.
68 01420 NAT U

AIR FORCE INST. OF TECH. SCHOOL OF |
ENGINEERING, WRIGHT-PATTERSON AFB, OHIO. |
THE DETERMINATION OF OPTIMUM TAKE-OFF PATHS
FOR THE SC IN TERMS OF FLIGHT PATH PARAMETERS
AND TERMINAL CONDITIONS.# THESIS.
68 01072 NAT U

AIR FORCE INST. OF TECH. SCHOOL OF |
ENGINEERING, WRIGHT-PATTERSON AFB, OHIO. |
THE RESPONSE OF A HOVERING V/STOL AIRCRAFT
TO DISCRETE TURBULENCE.# THESIS.
68 01075 NAT U

AIR FORCE INST. OF TECH. SCHOOL OF SYSTEMS AND |
LOGISTICS, WRIGHT-PATTERSON AFB, OHIO. |
RESOURCE MANAGEMENT SYSTEMS - MAINTENANCE
COST DISTRIBUTION CONCEPTS FOR MEANINGFUL
MANAGEMENT INFORMATION.#
68 00436 U

AIR FORCE INST. OF TECH. SCHOOL OF SYSTEMS AND |
LOGISTICS, WRIGHT-PATTERSON AFB, OHIO. |
A CASE STUDY ANALYSIS OF AIR LOGISTICS
COMMAND MANAGEMENT OF GROUND COMMUNICATIONS-
ELECTRONICS-METEOROLOGICAL PROGRAMS.#
THESIS.
68 00686 NAT U

AIR FORCE INST. OF TECH. SCHOOL OF SYSTEMS AND |
LOGISTICS, WRIGHT-PATTERSON AFB, OHIO. |
A METHODOLOGY FOR DETERMINING THE
OPTIMUM UNIT OF ISSUE FOR LOW COST
FIELDING ITEMS.# THESIS.
68 00688 NAT U

AIR FORCE INST. OF TECH. SCHOOL OF SYSTEMS AND |
LOGISTICS, WRIGHT-PATTERSON AFB, OHIO. |
RELIABILITY - MAJOR OVERHAULED VERSUS
MINOR OVERHAULED AIRCRAFT JET ENGINES.#
THESIS.
68 01074 NAT U

AIR FORCE INST. OF TECH. SCHOOL OF SYSTEMS AND |
LOGISTICS, WRIGHT-PATTERSON AFB, OHIO. |
AN ANALYSIS OF THE USE OF MILITARY
AIRLIFT COMMAND RETROGRADE CARGO
CAPABILITY.# MASTERS THESIS.
68 01143 NAT U

AIR FORCE INST. OF TECH. SCHOOL OF SYSTEMS AND |
LOGISTICS, WRIGHT-PATTERSON AFB, OHIO. |
AN ANALYSIS OF AIA PROCUREMENT TRANSACTIONS
UNDER \$10,000 FOR MANAGEMENT IMPROVEMENT.#
THESIS.
68 00887 NAT U

AIR FORCE INST. OF TECH., WRIGHT-PATTERSON |
AFB, OHIO. |
PERFORMANCE EVALUATION AND IMPROVEMENT FOR
AN AIRCRAFT FLIGHT CONTROL SYSTEM IN WHICH SEL
ORGANIZING CONTROL TECHNIQUES ARE USED.#
68 00005 NAT U

AIR FORCE INST. OF TECH., WRIGHT-PATTERSON |
AFB, OHIO. |
MANAGEMENT ANALYSIS OF BITS AND PIECES
AFFECTING END ITEM REPAIR.#
68 00468 NAT U

AIR FORCE INST. OF TECH., WRIGHT-PATTERSON |
AFB, OHIO. |
A SELF-ADAPTIVE AIRCRAFT PITCH RATE CONTROL
SYSTEM EMPLOYING DIFFERENCE EQUATIONS FOR
PARAMETER IDENTIFICATION.# THESIS.
68 00729 NAT U

AIR FORCE INST. OF TECH., WRIGHT-PATTERSON |
AFB, OHIO. |
INVESTIGATION OF LEARNING CURVE AND COST
ESTIMATION METHODS FOR CARGO AIRCRAFT.#
RESEARCH PAPER.
68 00741 NAT U

AIR FORCE MATERIALS LAB. MANUFACTURING |
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO. |
BASIC SHAPES FOR AEROSPACE STRUCTURES.#
PHASE II SUPPLEMENT. UTILIZATION POTENTIAL.
68 00016 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
DIRECTIONS OF GRAPHITE AVAILABILITY.0
SECOND EDITION.
66 00040 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
RESEARCH TO OPTIMIZE THE FILAMENT-WOUND
TUBULAR TIRE TO PROVIDE PERFORMANCE TO TESTS
OF SPECIFICATION MIL-T-50410 AT MINIMUM
WEIGHT.0
66 00228 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
AEROSPACE STRUCTURAL METALS HANDBOOK.0
VOLUME II.
68 00339 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
AEROSPACE STRUCTURAL METALS HANDBOOK.0
VOLUME I.
68 00340 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
AEROSPACE STRUCTURAL METALS HANDBOOK.0
68 00368 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
AEROSPACE STRUCTURAL METALS HANDBOOK.0
68 00370 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
NON-DESTRUCTIVE EVALUATION OF MATERIAL
PROPERTIES THROUGH USE OF A THERMAL INSPECTION
SYSTEM.0
68 00377 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
EVALUATION TECHNIQUES FOR FIBERS AND
YARNS USED BY THE FIBROUS MATERIALS BRANCH,
NONMETALLIC MATERIALS DIVISION, AIR FORCE
MATERIALS LABORATORY.0
68 00378 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
FIBER REINFORCED CERAMICS - A REVIEW
AND ASSESSMENT OF THEIR POTENTIAL.0
68 00380 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
NON-FERROUS ALLOYS.0 VOLUME II.
68 00385 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
BASIC SHAPES FOR AEROSPACE STRUCTURES.0
PHASE II. DEVELOPMENT OF PRELIMINARY
SPECIFICATIONS.0
68 00386 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
ELECTRON PHOTOGRAHY HANDBOOK SPECIFIC
APPLICATIONS OF ELECTRON PHOTOGRAHY.0
68 00390 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
ASPECTS OF CUMULATIVE DAMAGE IN FATIGUE
DESIGN.0
68 00604 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
STRESS CORROSION AND FATIGUE TESTS ON
7001-T75 ALUMINUM ALLOY.0
68 00619 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
POLYBENZOTHIADAZOLE AS A BINDER FOR SOLID
FILM LUBRICANTS.0
68 00622 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
DEVELOPMENT OF A MICRO LUBRICANT DEPOSIT
TEST.0
68 00623 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
A PILOTED SIMULATOR STUDY OF TAKEOFF
PERFORMANCE AND HANDLING QUALITIES OF A
DOUBLE-DELTA SUPERSONIC TRANSPORT.0
68 00667 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
EMERGING AEROSPACE MATERIALS.0
68 00677 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
EVALUATION OF COMPOSITE MATERIALS FOR GAS
TURBINE ENGINES.0
68 00770 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
DEVELOPMENT OF NONDESTRUCTIVE TESTS FOR
QUANTITATIVELY EVALUATING GLASS FABRIC
REINFORCED LAMINATES.0 SUMMARY TECHNICAL
REPORT /JUNE 1966 TO JUNE 1967/.
68 00847 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
ADDITIVES FOR HIGH TEMPERATURE
HYDRAULIC FLUIDS.0
TECHNICAL REPORT /15 NOVEMBER 1966 TO
15 NOVEMBER 1967/.
68 00910 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
STRESS CORROSION SUSCEPTIBILITY OF WELDED
ALUMINUM ALLOYS.0 FINAL REPORT /JULY 1966 TO
AUGUST 1967/.
68 01069 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. |
SERVICE EVALUATION OF AIRCRAFT EXPERIMENTAL
FASTENERS.0 FINAL SUMMARY TECHNICAL REPORT
/1 NOVEMBER 1964 TO 1 SEPTEMBER 1967/.
68 01073 NAT U

AUTHOR

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. I
MECHANICAL PROPERTIES, INCLUDING FRACTURE
TOUGHNESS AND FATIGUE, AND RESISTANCE TO
STRESS CORROSION CRACKING, OF STRESS-RELIEVED
STRETCHED ALUMINUM ALLOY EXTRUSIONS.0
FINAL REPORT /MARCH 1966 TO JANUARY 1968/.
68 01076 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. I
PROCEEDINGS OF THE AFML HYDRAULIC FLUIDS
CONFERENCE.0
68 01153 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. I
JOINT AIR FORCE-NAVY SUPERSONIC MAIN
COMBUSTION EVALUATIONS OF MATERIALS.0
68 01156 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. I
HIGH TEMPERATURE THERMALLY STABLE
GREASES.0 ANNUAL REPORT /1 FEBRUARY 1967 TO
1 FEBRUARY 1968/.
68 01210 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. I
NONDESTRUCTIVE METHODS DEVELOPMENT FOR THE
EVALUATION OF THIN AND ULTRATHIN SHEET
MATERIALS.0 FINAL REPORT /18 JULY 1966 TO
15 JUNE 1967/.
68 01212 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. I
NOTE ON FATIGUE MECHANISM IN FCC METALS
AT ULTRASONIC FREQUENCIES.0 TECHNICAL REPORT.
68 01215 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. I
FINITE ELEMENT VIBRATION ANALYSIS OF
CRACKED PLATES IN TENSION.0
68 01310 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. I
FLUIDS, LUBRICANTS, FUELS AND RELATED
MATERIALS.0
68 01515 NAT U

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO. I
LONG TERM PERFORMANCE CAPABILITIES OF
HYDRAULIC FLUIDS.0
68 01576 NAT U

AIR FORCE MISSILE DEVELOPMENT CENTER, WILLOWDALE
AFB, N. MEX. I
A PARAMETRIC COMPARISON OF AIRCRAFT
INERTIAL NAVIGATION SYSTEMS.0
DOCTORAL THESIS.
68 01717 NAT U

AIR FORCE MISSILE DEVELOPMENT CENTER, WILLOWDALE
AFB, N. MEX. I
A PARAMETRIC COMPARISON OF AIRCRAFT
INERTIAL NAVIGATION SYSTEMS.0
DOCTORAL THESIS.
68 00916 NAT U

AIR FORCE OPERATIONS ANALYSIS DIV.0
WASHINGTON, D. C. I
AN EXAMINATION OF THE PREDICTABLE-
UNPREDICTABLE WORK LOAD RELATIONSHIP AS A
GUIDE TO BETTER AIRCRAFT PERFORMANCE.0
68 01113 NAT U

AIR FORCE ROCKET PROPULSION LAB., EDWARDS AFB
CALIF. I
AEROSPACE FLUID COMPONENT DESIGNERS
HANDBOOK.0 VOLUME 1. REVISION B.
68 00045 NAT U

AIR FORCE ROCKET PROPULSION LAB., EDWARDS AFB
CALIF. I
THE MEASUREMENT OF THE EXHAUST COMPOSITION
OF SELECTED HELICOPTER ARMAMENT.0
68 00963 NAT U

AIR FORCE SYSTEMS COMMAND, ELECTRONIC SYSTEMS
DIV., 1. 66 HANSCOM FIELD, BEDFORD, MASS. I
COST REPORTING FOR DEVELOPMENT
OF INFORMATION PROCESSING SYSTEMS.0
68 00123 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO. I
SOLVING ENGINEERING PROBLEMS BY DIGITAL
COMPUTER.0
68 00003 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO. I
HOW TO APPLY FOR ADMISSION TO A CIVIL
AVIATION SCHOOL.0
68 00004 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO. I
IDEAS OF THE INVARIANCE THEORY AND
INERTIAL NAVIGATION.0 TRANSLATION FROM
RUSSIAN.
68 00083 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO. I
ALUMINUM AS A HIGH-TEMPERATURE HEAT-
TRANSFER AGENT.0 TRANSLATION FROM
RUSSIAN.
68 00084 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO. I
A THIN PROFILE OF A SUPERSONIC WING WITH
MINIMUM AVERAGE HEAT TRANSFER COEFFICIENT AT
GIVEN AERODYNAMIC CHARACTERISTICS.0
TRANSLATION FROM RUSSIAN.
68 00085 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO. I
REDUCING AERODYNAMIC RESISTANCE HOLES
WITH ANNULAR RIBS AND RECESSES.0 TRANSLATION
FROM RUSSIAN.
68 00119 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO. I
THE USE OF LIQUID-METAL METS IN
DIFFERENT BRANCHES OF INDUSTRY.0
TRANSLATION FROM RUSSIAN.
68 00120 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
AIRPLANES - ADVANCES IN ASSEMBLY
TECHNIQUES /11/ WELDING, PLASTIC CEMENTING,
HERMETIC SEALING.0 TRANSLATION FROM RUSSIAN.
68 00121 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
AUTOMATION AND CYBERNETICS IN THE
MODERN ARMY.0 CHAPTER FOUR. TRANSLATION
FROM RUSSIAN.
68 00122 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
THE CHARACTERISTICS OF SUPERSONIC
AIRCRAFT.0 TRANSLATION FROM RUSSIAN.
68 00324 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
A METHOD FOR MEASURING THE VERTICAL
VELOCITY OF AN AIRCRAFT IN THE ENTIRE
FREQUENCY SPECTRUM OF ITS VARIATION.0
TRANSLATION FROM RUSSIAN.
68 00330 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
AIRCRAFT ENGINES /SELECTED CHAPTERS/.0
68 00375 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
DYNAMIC BALANCING OF ROTORS USED
IN INSTRUMENT MAKING.0
68 00376 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
PULSEJET, JET AND ROCKET ENGINES.0
68 00537 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
HANDBOOK OF SEMICONDUCTOR DEVICES.0
68 00544 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
DESIGN OF INERTIAL GUIDANCE SYSTEMS.0
68 00550 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
A MULTICHANNEL AIRBORNE CODING CONVERTER.0
68 00556 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
EFFECT OF A SUPERSONIC JET ON A SURFACE.0
68 00668 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
DESIGN, USE AND REPAIR OF RAILROAD CARS.0
/SELECTED ARTICLES/
68 00669 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
NEWS OF INSTITUTIONS OF HIGHER LEARNING.
AERONAUTICAL ENGINEERING.0 /COLLECTION OF
ARTICLES/.
68 00766 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
AIRCRAFT ENGINE DESIGN.0
68 00767 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
CONTROL OF SUPERSONIC AIRCRAFT.0
68 00875 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
SCIENCE OF AVIATION MATERIAL.0
68 00990 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
SLIPPING STALL.0 TRANSLATED FROM
RUSSIAN.
68 01136 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
METHOD OF APPRAISING THERMAL STABILITY
OF FUELS UNDER DYNAMIC CONDITIONS.0
TRANSLATED FROM RUSSIAN.
68 01137 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
DEVELOPMENT OF AIRCRAFT.0 TRANSLATED FROM
RUSSIAN.
68 01175 NAT U

AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY/
DIV., WRIGHT-PATTERSON AFB, OHIO. |
ICING OF AIRCRAFT AND THE MEANS OF
PREVENTING IT.0 TRANSLATED FROM RUSSIAN.
68 01224 NAT U

AIR FORCE SYSTEMS COMMAND, SPACE AND MISSILE/
SYSTEMS ORGANIZATION, LOS ANGELES. |
REMOTE SENSING OF RAIN BY RADAR.0
68 01100 NAT U

AIR FORCE SYSTEMS COMMAND, SPACE AND MISSILE/
SYSTEMS ORGANIZATION, LOS ANGELES. |
MILITARY COMMUNICATION SATELLITES.0
68 01119 NAT U

AIR FORCE SYSTEMS COMMAND, L. G. MANSONI
FIELD, NEWBURY, MASS. |
DESCRIPTION OF THE AUTOMATED TASKS
INCLUDED IN THE MTR AIRCRAFT CONTROL
CENTER /ALCC/.0
68 00912 NAT U

AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON/
AFB, OHIO. |
EVALUATION OF NOISE PROBLEMS
ANTICIPATED WITH FUTURE VTOL AIRCRAFT.0
68 00126 NAT U

AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO. 1
APPLICATION OF OPTIMIZATION TECHNIQUES
TO FLIGHT CONTROL ACTUATION SYSTEM
DESIGN.0
68 00127 NAT U

AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO. 1
NEAR FIELD NOISE ANALYSES OF AIRCRAFT
PROPULSION SYSTEMS WITH EMPHASIS ON
PREDICTION TECHNIQUES FOR JETS.0
68 00128 NAT U

AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO. 1
PILOT EVALUATIONS IN A GROUND
SIMULATOR OF THE EFFECTS OF ELEVATOR
CONTROL SYSTEM DYNAMICS IN FIGHTER
AIRCRAFT.0
68 00129 NAT U

AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO. 1
RESULTS OF PHASE BII, COMPONENT AND FULL
SCALE LIFT/CRUISE FAN TEST.0 VOLUME II.
68 00133 NAT U

AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO. 1
APPLICATION OF OPTIMAL CONTROL THEORY
TO VIOLENT FLIGHT CONTROL SYSTEM DESIGN.0
68 00135 NAT U

AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO. 1
PARAMETRIC FATIGUE ANALYSIS OF
USAF AIRCRAFT.0
68 00136 NAT U

AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO. 1
TECHNIQUES FOR THE CONTROL OF
INTEGRATED CIRCUIT QUALITY AND
RELIABILITY.0 VOLUME II APPENDICES.
68 00139 NAT U

AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO. 1
TECHNIQUES FOR THE CONTROL OF
INTEGRATED CIRCUIT QUALITY AND RELIABILITY.0
VOLUME I
68 00140 NAT U

AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO. 1
HAYSTACK ANTENNA REFLECTOR SURFACE
IMPROVEMENT PROGRAM.0 TECHNICAL NOTE.
68 01235 NAT U

AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO. 1
HUMAN EQUILIBRIUM DURING ACOUSTIC
STIMULATION BY DISCRETE FREQUENCIES.0
68 01245 NAT U

AIR FORCE, DET. 9 12TH WEATHER SQUADRON,
SUFFOLK COUNTY AFB, N. Y. 1
AN INVESTIGATION OF LOW VISIBILITY
DURING JANUARY AND FEBRUARY AT SUFFOLK
COUNTY AIR FORCE BASE.0
68 00133 NAT U

AIR FORCE, DIRECTORATE OF AEROSPACE SAFETY,
NORTON AFB, CALIF. 1
ONAF-INDUSTRY LIFE SUPPORT
CONFERENCE- NOVEMBER 24-DECEMBER 1, 1967.
68 00141 NAT U

AIR FORCE, OFFICE OF SCIENTIFIC RESEARCH,
WASHINGTON, D. C. 1
COMPARATIVE STUDY OF OPTIMIZATION
TECHNIQUES FOR SHOCK AND VIBRATION
ISOLATION.0 INTERIM SCIENTIFIC REPORT.
68 00142 NAT U

AIR FORCE, OFFICE OF SCIENTIFIC RESEARCH,
WASHINGTON, D. C. 1
EVALUATION OF THE EFFECTS OF TIME-SHARED
COMPUTER SYSTEMS.0 SCIENTIFIC INTERIM
REPORT.
68 00143 NAT U

AIR FORCE, WASHINGTON, D. C. 1
TECHNICAL FORECASTING.0
68 00144 NAT U

AIR FORCE, WASHINGTON, D. C. 1
AIR LOGISTICS STUDIES-1970S.0
68 00829 NAT U

AIR FORCE, WASHINGTON, D. C. 1
AIR LOGISTICS STUDIES-1970S.0
68 00830 NAT U

AIR FORCE, WASHINGTON, D. C. 1
AIR CARGO TERMINALS AND MATERIALS
HANDLING SYSTEM.0 PHASE II ANNEX D-CONTINGENCY
AIR TERMINALS.
68 00853 NAT U

AIR FORCE, WASHINGTON, D. C. 1
AIR CARGO TERMINALS AND MATERIALS
HANDLING SYSTEM.0 PHASE II, ANNEX C-PERMANENT
AIR TERMINALS.
68 00854 NAT U

AIR FORCE, WASHINGTON, D. C. 1
AIR CARGO TERMINALS AND MATERIALS
HANDLING SYSTEM.0 PHASE II, ANNEX B - AIR
CARGO PREPARATION.
68 00855 NAT U

AIR FORCE, WASHINGTON, D. C. 1
AIR CARGO TERMINALS AND MATERIALS
HANDLING SYSTEM.0 PHASE II.
ANNEX A - INTRANSIT CONTROL.
68 00856 NAT U

AIR FORCE, WASHINGTON, D. C. 1
DIRECTIVE NON-ORIENTED REFLECTORS AS
PASSIVE SATELLITES IN LONG DISTANCE
COMMUNICATIONS.0 PRESENTED AT THE NATIONAL
ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
68 01028 NAT U

AIR FORCE, WASHINGTON, D. C. 1
PILOT COST SYSTEM COMPUTER PROGRAM
HANDBOOK.0 VOLUME IV, PART I - PROGRAM USERS
GUIDE
68 00145 NAT U

AIR FORCE, WASHINGTON, D. C. 1
PILOT COST SYSTEM COMPUTER PROGRAM
HANDBOOK.0 VOLUME II - PROGRAMMERS GUIDE.
68 01026 NAT U

- AIR MATERIEL AREA, TINKER AFB, OKLA. |
PROCEEDINGS OF DEPARTMENT OF DEFENSE
INDUSTRIAL SYMPOSIUM ON NUMERICAL CONTROL
DATA. #
OR 00200 NAT U
- AIR RESEARCH AND DEVELOPMENT COMMAND, ANJUNESI
AFB, MO. |
INVESTIGATIONS ON THE DIRECTIVITY OF
CIRCULAR ANTENNA ARRAYS IN COMPARISON WITH
THE DIAMETER OF PARABOLIC REFLECTORS IN
THE DECIMETER AND CENTIMETER WAVE BAND. #
OR 00132 NAT U
- AIR TRANSPORT ASSN. OF AMERICA, EASTERN
REGIONAL OPERATIONS OFFICE, JAMAICA, N. Y. |
NEW YORK AIR TRAFFIC DELAY STUDY. #
OR 01300 NAT U
- AIR TRAFFIC, MAXWELL AFB, ALA. |
INTERNATIONAL PROBLEMS WHICH WILL
BE CREATED BY THE COMMERCIAL SST. #
VOLUME V. # JANUARY 1960. NAT U
- AIR WEATHER SERVICE, SCOTT AFB, ILL. |
METEOROLOGICAL CODES. #
OR 01101 NAT U
- AIR WEATHER SERVICE, SCOTT AFB, ILL. |
ENVIRONMENTAL-MEASURING EQUIPMENT USED
BY AIR WEATHER SERVICE IN SUPPORT OF AIR
FORCE AND ARMY OPERATIONS. # FIRST EDITION.
OR 01370 NAT U
- AIR WEATHER SERVICE, SCOTT AFB, ILL. |
CLIMATOLOGICAL ESTIMATES OF CLOCK-HOUR
RAINFALL RATES. #
OR 01371 NAT U
- AIR WEATHER SERVICE, SCOTT AFB, ILL. |
FIRST REPORT ON THE AIR WEATHER SERVICE
WEATHER-NOIFICATION PROGRAM (APRIL 1968). #
OR 01370 NAT U
- AIR WEATHER SERVICE, SCOTT AFB, ILL. |
INTERRELATION OF IONOSPHERIC SPORIC E
WITH THUNDERSTORMS AND JET STREAMS. #
OR 01370 NAT U
- AIR WEATHER SERVICE, SCOTT AFB, ILL. |
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J. 19 APRIL - 1
MAY 1960. #
OR 01300 NAT U
- AIR WEATHER SERVICE, SCOTT AFB, ILL. |
ESTIMATING CONDITIONAL PROBABILITY
AND PERSISTENCE. #
OR 01301 NAT U
- AIR WEATHER SERVICE, WASHINGTON, D. C. |
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE 4-7 APRIL 1967. #
OR 00217 NAT U
- AIR WEATHER SERVICE, WASHINGTON, D. C. |
WEATHER CONDITIONS ON A NORTH ATLANTIC
AIR ROUTE. #
OR 01194 NAT U
- AIR WEATHER SERVICE, WASHINGTON, D. C. |
WEATHER CONDITIONS ON AN ATLANTIC AIR
ROUTE. #
OR 01195 NAT U
- AIR-RAPID TRANSIT SYSTEMS, INC., RIVERSIDE, I
CALIF. |
A PRELIMINARY DESIGN AND SYSTEMS
ENGINEERING STUDY FOR A GROUND-AIR-
GROUND PUBLIC TRANSPORTATION SYSTEM. #
OR 00321 NAT U
- AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y. |
REFLECTOR ANTENNA ZOOM TECHNIQUES. #
OR 00000 NAT U
- AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y. |
SOLID-STATE SWITCH DEVELOPMENT. # FINAL
REPORT. #
OR 00170 NAT U
- AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y. |
ALAL CONTROL, DISPLAY AND RECORDING
CONSOLE. # FINAL REPORT. #
OR 00103 NAT U
- AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y. |
PRECISION VOR PVOR /M/ MONITOR HANDBOOK. #
VOLUME III. #
OR 00011 NAT U
- AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y. |
PRECISION VOR. # VOLUME II. #
OR 00074 NAT U
- AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y. |
PRECISION FOR DEVELOPMENT AND FLIGHT TEST
PROGRAM. # VOLUME I. FINAL REPORT. #
OR 00703 NAT U
- AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y. |
BEACON RANGE ALTITUDE MONITOR SYSTEM/
AIRBORNE. # FINAL REPORT. #
OR 01408 NAT U
- AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y. |
PARAMETRIC AMPLIFIERS FOR ELECTRONICALLY
STEERABLE RADAR SYSTEMS. # FINAL REPORT. #
OR 01494 NAT U
- AIRCRAFT OWNERS AND PILOTS ASSN., BETHEDA, MD. |
NATIONAL CONFERENCE ON AIRCRAFT LOCATION
B - CON IMPLEMENTATION, WASHINGTON, D. C.,
APRIL 3-5, 1960. #
OR 01305 NAT U
- ALBERT, R. V., MAJ. |
EVALUATION OF THE BELL MODEL 206A
JETRANGER/ LIGHT TURBINE-POWERED HELICOPTER. #
OR 00502 NAT U
- ALBERTI, J. P. |
AN EVALUATION OF CONFORMAL CONTACT GEARS. #
FINAL TECHNICAL REPORT. #
OR 01291 NAT U
- ALBRECHT, B. J. |
ELECTRONICALLY TUNABLE PARAMETRIC
UPCONVERTER. #
OR 00014 NAT U

ALBRIGHT, F. G. |
KADC RELIABILITY. # VOLUME II.
68 00047 NAT U

ALDEN, R. F. |
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J. 19 APRIL - 1
MAY 1968. #
68 01380 NAT U

ALEXANDER, G. H. |
VALIDATION OF DESIGN THEORY FOR AIRCRAFT
ARRESTING-GEAR CABLE. # FINAL REPORT.
68 00740 NAT U

ALEXANDER, H. |
THE DEVELOPMENT OF A CONSTITUTIVE RELATION
FOR NEOPRENE BALLOON FILM. # SCIENTIFIC
INTERIM REPORT.
68 01220 NAT U

ALEXANDER, H. |
IN A CAUSE OF FAILURE OF HIGH ALTITUDE
PLASTIC BALLOONS. # SCIENTIFIC INTERIM
REPORT.
68 01221 NAT U

ALLEGHENY AIRLINES, INC., PITTSBURGH. |
FUTURE APPLICATIONS OF MAINTENANCE
RELIABILITY SYSTEMS FOR THE SMALL FLEET
OPERATOR. #
68 00919 U

ALLEN, C. H. |
A STUDY OF THE INFLUENCE OF LUBRICANTS ON
HIGH-SPEED ROLLING-CONTACT WEARING
PERFORMANCE. #
68 00325 NAT U

ALLEGHENY, N. A. |
SUBCRITICAL CRYOGENIC STORAGE DEVELOPMENT
AND FLIGHT TEST. #
68 00806 NAT U

ALLIS, J. |
VALUE ENGINEERING-FINAL REPORT FOR LIGHT
OBSERVATION HELICOPTER AVIONICS PACKAGE. #
FINAL REPORT /21 JANUARY 1966 TO 21 JANUARY
1968. #
68 01093 NAT U

ALT, F. L. |
INFORMATION HANDLING IN THE NATIONAL
STANDARD REFERENCE DATA SYSTEM. #
68 01215 NAT U

ALVET, V. H. |
BASIC SHAPES FOR AEROSPACE STRUCTURES. #
PHASE II SUPPLEMENT. UTILIZATION POTENTIAL.
68 00016 NAT U

ALVET, V. H. |
BASIC SHAPES FOR AEROSPACE STRUCTURES. #
PHASE II. DEVELOPMENT OF PRELIMINARY
SPECIFICATIONS.
68 00556 NAT U

AMULLER, A. A. |
THE RELATIONSHIP OF FIVE PERSONALITY
SCALES TO SUCCESS IN NAVAL AVIATION
TRAINING. #
68 00914 NAT U

AMBLER, A. K. |
THE VALUE OF AN NROTC FLIGHT INDOCTRINATION
PROGRAM TO NAVAL AVIATION TRAINING. #
68 00937 NAT U

AMBLER, A. K. |
CROSS-VALIDATION OF A BRIEF VESTIBULAR
DISORIENTATION TEST ADMINISTERED BY A
VARIETY OF PERSONNEL. #
68 00944 NAT U

AMBROSINI, H. |
V-7 AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF PLANE IDENTIFICATION FOR OMEGA. #
68 01197 R NAT U

AMBROSINI, H. |
V-7 AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF PLANE IDENTIFICATION FOR
OMEGA. # VOLUME I, FINAL REPORT.
68 01197 R NAT U

AMERICAN AIRLINES, MAINTENANCE AND ENGINEERING
CENTER, TULSA, OKLA. |
THE VALUE OF MAINTENANCE. #
68 00426 U

AMERICAN AIRLINES, MAINTENANCE AND ENGINEERING
CENTER, TULSA, OKLA. |
INTEGRATION OF AIRBORNE DATA RECORDERS
AND GROUND-BASED COMPUTERS FOR ENGINE
MAINTENANCE PURPOSES. #
68 00427 U

AMERICAN ALUMINUM CO. |
MECHANICAL PROPERTIES, INCLUDING FRACTURE
TOUGHNESS AND FATIGUE, AND RESISTANCE TO
STRESS CORROSION CRACKING, OF STRESS-RELIEVED
STRETCHED ALUMINUM ALLOY EXTRUSIONS. #
FINAL REPORT /MARCH 1966 TO JANUARY 1968. #
68 01076 NAT U

AMERICAN ELECTRONICS LABS., INC., COLMAR, |
PENNA. |
IMPROVED VIDEO DETECTORS. #
68 00332 NAT U

AMERICAN INST. FOR RESEARCH, PITTSBURGH. |
AUDIO AIDS TO BLIND FLYING AND A
SCORING DEVICE FOR THE LINK TRAINER. #
68 00246 NAT U

AMERICAN INST. FOR RESEARCH, SILVER SPRING, |
MD. |
EFFECTS OF DRUGS ON HUMAN PERFORMANCE -
SUMMARY OF RESULTS. # FINAL REPORT /JULY
1964 TO OCTOBER 1967. #
68 01142 NAT U

AMERICAN INST. OF RESEARCH, PITTSBURGH. |
REVIEW OF METHODS /STUDY AND
DEVELOPMENT OF METHODS FOR SIMULATED BLIND
FLYING. # PHASE A.
68 00201 NAT U

AMERICAN OIL CO. DEPT. OF RESEARCH AND
DEVELOPMENT, WHITING, IND. |
HIGH TEMPERATURE THERMALLY STABLE
GREASES. # ANNUAL REPORT /1 FEBRUARY 1967 TO
1 FEBRUARY 1968. #
68 01210 NAT U

AUTHOR INDEX

04/010

AMERICAN OIL CO., WHITING, IND. |
 GREASES FOR HIGH SPEED, HIGH TEMPERATURE
 ANTIFRICTION BEARINGS.0
 68 00858 NAT U

AMERICAN SOCIETY OF MECHANICAL ENGINEERS, NEW
 YORK. |
 INDEX - WORD AND AUTHOR INDEX.0 VOLUME
 XV.
 68 01091 NAT U

ANALYTIC SERVICES, INC., FALL CHURCH, VA. |
 CIVILIAN PUBLIC PROBLEMS AND THE AEROSPACE
 INDUSTRY.0
 68 00262 NAT U

ANDERSON LABS., INC. |
 RF SUB-MINATURE DELAY LINE.0 FINAL
 REPORT.
 68 00002 NAT U

ANDERSON, J. J. |
 THE CURIOUS ACCELERATION PLATFORM - A
 UNIQUE VESTIBULAR RESEARCH DEVICE.0
 68 00931 NAT U

ANDERSON, W. J. |
 EXPERIMENTS ON STABILITY OF MARKING-BONE-
 GROUVED OIL-LUBRICATED JOURNAL BEARINGS TO
 HIGH COMPRESSIBILITY NUMBERS.0
 68 00642 NAT U

ANDREASEN, M. O. |
 INVESTIGATION OF GENERAL WIRE
 ANTENNAS.0 FINAL REPORT.
 68 00191 NAT U

ANDREASSI, J. L. |
 EFFECTS OF SIGNAL PATTERNING UPON VIGILANCE
 PERFORMANCE AND PHYSIOLOGICAL RESPONSES.0
 TECHNICAL REPORT.
 68 00958 NAT U

ANDREWS, L. V. |
 TRANSONIC UNSTEADY AERODYNAMICS
 FOR PLANAR WINGS WITH TRAILING EDGE CONTROL
 SURFACES.0 FINAL REPORT /1 AUGUST 1965 TO
 31 NOVEMBER 1967.0
 68 01485 NAT U

ANDREWS, T. R. |
 PERFORMANCE TESTS ON BRUSHLESS SYNCHROS.0
 68 00608 U

ANGLET, B. W. |
 DOD USER-NEEDS STUDY, PHASE II.0
 VOLUME III.
 68 00453 NAT U

ANGSTADT, M. D. |
 FIELD APPRAISAL OF THE ADVANCED RADAR
 TRAFFIC CONTROL SYSTEM /ARTS.0 FINAL REPORT.
 68 00314 NAT U

ANNIS, J. F. |
 SILICON SUBMERSION - A FEASIBILITY
 STUDY.0 PHASE REPORT.
 68 00964 NAT U

ANTHONY, F. M. |
 LEADING EDGE DESIGN WITH BRITTLE
 MATERIALS.0 PRESENTED AT THE NATIONAL
 AERONAUTICS JOINT MEETING, LOS ANGELES,
 CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
 68 01026 NAT U

AOYAGI, K. |
 LARGE-SCALE WIND-TUNNEL INVESTIGATION
 OF A MODEL WITH AN EXTERNAL JET-AUGMENTED
 FLAP.0
 68 00306 NAT U

APPLE, W. H. |
 NON-DESTRUCTIVE EVALUATION OF MATERIAL
 PROPERTIES THROUGH USE OF A THERMAL INSPECTION
 SYSTEM.0
 68 00377 NAT U

APPLE, W. H. |
 RESEARCH IN THERMAL NONDESTRUCTIVE
 EVALUATION OF CORROSION IN AIRCRAFT
 STRUCTURES.0
 FINAL REPORT.
 68 00605 NAT U

APPLEMAN, M. S. |
 FIRST REPORT ON THE AIR WEATHER SERVICE
 WEATHER-MODIFICATION PROGRAM /APRIL 1968.0
 68 01378 NAT U

ARCON CORP., WAKEFIELD, MASS. |
 STUDY OF FUTURE OCEANIC AVIATION SUPPORT
 SYSTEMS.0 FINAL REPORT.
 68 01202 NAT U

ARGONNE NATIONAL LAB., ILL. |
 NON-DESTRUCTIVE INSPECTION OF ERB-II FUEL-
 JACKET TUBING USING ELECTROMAGNETIC TECHNIQUES
 .0
 68 00761 NAT U

ARINC RESEARCH CORP., ANNAPOLIS. |
 TACAN RELIABILITY STUDY.0 FINAL
 ENGINEERING REPORT.
 68 01324 NAT U

ARINC RESEARCH CORP., ANNAPOLIS. |
 JET-FLIGHT EVALUATION OF INERTIAL
 NAVIGATION OPERATIONS.0 VOLUME I, FINAL
 REPORT.
 68 01348 NAT U

ARINC RESEARCH CORP., WASHINGTON, D. C. |
 SEMICONDUCTOR RELIABILITY.0
 68 0137 NAT U

ARINC RESEARCH CORP., WASHINGTON, D. C. |
 INTERIM ENGINEERING REPORT TACAN
 RELIABILITY STUDY.0
 68 00545 NAT U

ARINC RESEARCH CORP., WASHINGTON, D. C. |
 DEVELOPMENT AND APPLICATION OF COST
 EFFECTIVENESS EVALUATION PROCEDURES TO
 SHIPBOARD ELECTRONIC EQUIPMENT AND SYSTEMS.0
 68 00653 NAT U

ARMED SERVICES EXPLOSIVES SAFETY BOARD,
WASHINGTON, D. C. }
MINUTES OF THE NINTH EXPLOSIVES SAFETY
SEMINAR.# HELD AT NAVAL TRAINING CENTER,
SAN DIEGO, CALIFORNIA, AUGUST 15, 16 AND 17,
1967.
68 01011 NAT U

ARMEN, H., JR. }
DISCRETE-ELEMENT FOR THE
PLASTIC ANALYSIS OF STRUCTURES.#
68 00096 NAT U

ARNOLD, L. }
A THEORY FOR THE DETERMINATION OF
WIND AND PRECIPITATION VELOCITIES WITH
DOPPLER RADARS.#
68 00205 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
IMPROVING HELICOPTER CONSPICUITY
THROUGH THE USE OF PAINTED MAIN
ROTOR BLADES.#
68 00363 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
FUNCTIONAL ORGANIZATION OF BRAIN STEM
RESPIRATORY COMPLEX IN THE CAT.#
68 00941 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
THE INFLUENCE OF ALCOHOL AND DRAMAMINE,
ALONE AND IN COMBINATION, ON PSYCHOMOTOR
PERFORMANCE.#
68 00942 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
CROSS-VALIDATION OF A BRIEF VESTIBULAR
DISORIENTATION TEST ADMINISTERED BY A
VARIETY OF PERSONNEL.#
68 00944 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
AN ANALYSIS OF THE D.C. COMPONENT OF THE
LOCAL ELECTRORETINOGRAM IN THE INTACT EYE OF
THE CAT.#
68 00951 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
THE MEASUREMENT OF THE EXHAUST COMPOSITION
OF SELECTED HELICOPTER ANNAINT.#
68 00960 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
GAMMA CELL RESPONSE CHARACTERISTICS
FROM THE AREA CENTERS IN THE INTACT EYE
OF THE CAT.#
68 01 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
IMPROVING HELICOPTER CONSPICUITY THROUGH
THE USE OF PAINTED MAIN ROTOR BLADES.#
68 01180 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
INSTRUMENTATION FOR MEASUREMENT OF
VESTIBULAR-SIGNIFICANT FORCES IN HELICOPTERS.#
68 01009 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
ENVIRONMENTAL FACTORS AFFECTING THE
PERFORMANCE OF INFRARED CO₂ ANALYZER AND THE
ESTIMATION OF ALVEOLAR CO₂ TENSION.#
68 01206 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
ATACTAL ACCELEROMETER MEASUREMENT FOR
VEHICLE APPLICATION.#
68 01210 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
ANALYSIS OF NYSTAGMUS ANALYZER.#
68 01211 NAT U

ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER, }
ALA. }
DEVELOPMENT OF A PAINT SCHEME FOR
INCREASING HELICOPTER CONSPICUITY.#
68 01309 NAT U

ARMY AIRBORNE ELECTRONICS AND SPECIAL WARFARE }
BOARD, FORT BRAGG, N. C. }
REPORT OF SERVICE TEST /AIR DELIVERY/ OF
C-141 USAF JET CARGO AIRCRAFT /STARLIFTER/.#
68 00533 NAT U

ARMY ARTIC TEST CENTER, FORT GREELY, ALASKA. }
ARTIC SERVICE TEST OF SURVIVAL KIT, OV-1
AIRCRAFT, COLD CLIMATE.# FINAL REPORT.
68 01322 NAT U

ARMY ARTIC TEST CENTER, FORT GREELY, ALASKA. }
SERVICE TEST OF LIGHT GLIDE ANGLE
INDICATOR, UNDER ARCTIC WINTER CONDITIONS.#
FINAL REPORT.
68 01323 NAT U

ARMY AVIATION MATERIEL LAB., FORT EUSTIS, VA. }
A THEORY FOR PREDICTING THE ROTATIONAL
NOISE OF LIFTING ROTORS IN FORWARD FLIGHT,
INCLUDING A COMPARISON WITH EXPERIMENT.#
68 00501 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. }
GROUND-BASED SIMULATION TECHNIQUES.#
68 00777 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. }
AIRCRAFT PASSENGER-SEAT-SYSTEM RESPONSE
TO IMPULSIVE LOADS.#
68 00665 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. }
FLUIDIC SYSTEMS DESIGN MANUAL.#
68 00090 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. }
PRE-SERVICE EVALUATION OF THE CANADIAN
CL-64 TILT-WING V/STOL AIRCRAFT.#
68 00136 NAT U

AUTHOR INDEX

04/010 1

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
AIRCRAFT FUEL SYSTEMS DESIGN
STUDY.#
68 00100 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
EVALUATION OF LAMINATED ELASTOMERIC
BEARINGS IN THE UH-1 HELICOPTER TAIL
ROTOR.#
68 00335 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
INVESTIGATION OF HYDRAULIC POWER
TRANSMISSION SYSTEMS FOR VERTICAL
AIRCRAFT.#
68 00334 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
PERFORMANCE AND STRESSES OBTAINED ON AN
ISOLATED VTOL-TYPE PROPELLER OPERATING IN
MOVING, TRANSITIONAL, AND AXIAL FLIGHT.#
68 00356 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
ADVANCED LIFT FAN SYSTEM VEHICULAR STUDY
CONTINUATION.#
68 00357 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
AV-19A MAINTENANCE AND SYSTEMS
EVALUATION.#
68 00358 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
STABILITY AND CONTROL HANDBOOK FOR
HELICOPTERS.#
68 00359 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
UH-1A SCYTHANE HELICOPTER FLIGHT LOADS
INVESTIGATION PROGRAM.#
68 00394 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
AV-19A LIFE CYCLE RESEARCH AIRCRAFT
PROGRAM.# SUMMARY REPORT.
68 00395 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
UH-1 HELICOPTER HIGH-SPEED FLIGHT RESEARCH
WITH LIFT AND THRUST AUGMENTATION.#
68 00391 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
DESIGN ANALYSIS OF INTEGRAL WEIGHT AND
BALANCE SYSTEM FOR ARMY LARGE HELICOPTERS.#
68 00396 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
FEASIBILITY STUDY OF CRUISE FAN PROPELLER
SYSTEM AND ASSOCIATED POWER TRANSMISSION SYSTEM
FOR COMPOSITE/COMPOSITE AIRCRAFT.#
68 00378 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
AN EXPERIMENTAL INVESTIGATION OF THE
LONGITUDINAL DYNAMIC STABILITY
CHARACTERISTICS OF FOUR-PROPELLER TILT-WING
VTOL HELICOPTER.#
68 00379 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
FABRICATION AND TESTING OF AN ACTIVE
ELECTROSTATIC DISCHARGER SYSTEM FOR THE
CH-47 HELICOPTER.#
68 00780 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
INVESTIGATION OF PROPELLER SLIPSTREAM
EFFECTS ON WING PERFORMANCE.#
68 00805 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
FLEXIBLE WING TUNED UNIVERSAL GLIDER.#
68 00806 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
FABRICATION AND FULL-SCALE STRUCTURAL
EVALUATION OF SANDWICH SHELLS OF REVOLUTION
COMPOSED OF FIBER GLASS REINFORCED PLASTIC
FALINGS AND HONEYCOMB CORES.#
68 00807 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
UNITED STATES ARMY AVIATION CRASH SURVIVAL
RESEARCH.# SUMMARY REPORT.
68 00873 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
PRINCIPLES FOR IMPROVING STRUCTURAL CRASH-
WORTHINESS FOR STOL AND CTOL AIRCRAFT.#
68 00874 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
A METHOD FOR PREDICTING THE TRIM CONSTANTS
AND THE ROTOR-BLADE LOADINGS AND RESPONSES OF
A SINGLE-ROTOR HELICOPTER.# FINAL REPORT.
68 01050 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
INVESTIGATION OF COORDINATED FREE TURBINE
ENGINE CONTROL SYSTEMS FOR MULTIENGINE
HELICOPTERS.# FINAL REPORT.
68 01057 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
INVESTIGATION OF MICROMECHANICAL BEHAVIOR
OF FIBER REINFORCED PLASTICS.# FINAL REPORT
/14 JUNE 1966 TO 14 MARCH 1967/.
68 01122 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
THEORY AND APPLICATION.# VOLUME I.
68 01123 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
COMPUTER PROGRAM DESCRIPTION # VOLUME II.
68 01124 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
COMPARISON OF LONGITUDINAL STABILITY
CHARACTERISTICS OF THREE TILT-WING VTOL
AIRCRAFT DESIGNS.#
68 01125 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
A STUDY OF THE VALIDITY OF GROUND-BASED
SIMULATION TECHNIQUES FOR THE UH-1B
HELICOPTER.# FINAL TECHNICAL REPORT.
68 01126 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
FEASIBILITY OF BURNING EMULSIFIED FUEL
IN A TURBO ENGINE.0
68 01127 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
INVESTIGATIONS OF A VARIABLE AREA SCROLL
FOR PUMP TRANSFER IN TIP TURBINE LIFT FAN
SYSTEMS.0 FINAL REPORT /JUNE 1964 TO
DECEMBER 1966/.
68 01128 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
INVESTIGATION AND ANALYSIS OF AIRCRAFT
FUEL EMULSIONS.0 FINAL REPORT /15 JUNE
1966 TO 14 JUNE 1967/.
68 01137 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
TWO-DIMENSIONAL TESTS OF AIRFOILS
OSCILLATING NEAR STALL. DATA REPORT.0
VOLUME II, FINAL TECHNICAL REPORT.
68 01240 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
A VULNERABILITY EVALUATION OF EMULSIFIED
FUELS FOR USE IN ARMY AIRCRAFT.0 FINAL
TECHNICAL REPORT.
68 01248 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
FLAMMABILITY STUDY OF ADVANCED V/STOL
PROPELLER TECHNOLOGY.0 FINAL REPORT.
68 01249 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
CRASH SURVIVAL DESIGN GUIDE.0
68 01250 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
AN EVALUATION OF CONFORMAL CONTACT GEARS.0
FINAL TECHNICAL REPORT.
68 01251 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
DYNAMIC RESPONSE OF THE XC-142A TILT-WING
V/STOL AIRCRAFT TO IN-FLIGHT CARGO DELIVERY
AT SLOW SPEEDS.0
68 01252 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
AN EXPERIMENTAL INVESTIGATION OF GROUND
EFFECT ON A FOUR-PROPELLER TILT WING
V/STOL MODEL.0
68 01441 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
INVESTIGATION OF THE LATERAL/DIRECTIONAL
STABILITY CHARACTERISTICS OF A FOUR-
PROPELLER TILT-WING VIOL MODEL.0
68 01442 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
AERODYNAMICS CHARACTERISTICS OF A GENERAL
TILT-WING/PROPELLER MODEL TESTED AT SLOW
SPEEDS AND HIGH ANGLES OF ATTACK.0
68 01443 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
INVESTIGATION OF THE DUNNASH ENVIRONMENT
GENERATED BY V/STOL AIRCRAFT OPERATING
IN GROUND EFFECT.0 FINAL REPORT.
68 01499 NAT U

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA. |
TWO-DIMENSIONAL TESTS OF AIRFOILS
OSCILLATING NEAR STALL. SUMMARY AND EVALUATION
OF RESULTS.0 VOLUME I, FINAL TECHNICAL
REPORT.
68 01247 NAT U

ARMY AVIATION TEST BOARD, FORT RUCKER, ALA. |
SERVICE TEST OF THE LIGHTWEIGHT,
INDIVIDUAL SURVIVAL KIT.0 FINAL REPORT.
68 00808 NAT U

ARMY BOARD FOR AVIATION ACCIDENT RESEARCH. |
FORT RUCKER, ALA. |
UNITED STATES ARMY HELICOPTER ACCIDENTS
INVOLVING FIRE.0
68 00159 NAT U

ARMY COMBAT DEVELOPMENTS COMMAND, FORT |
MONMOUTH, N. J. |
APPLICATION OF AUTOMATIC SWITCHING
SYSTEMS 1965-1970 /UJ.0 PHASE I.
FINAL DRAFT.
68 00547 NAT U

ARMY ELECTRONIC PROVING GROUND, FT. HUACHUCA, |
ARIZ. |
ENGINEERING TEST OF LIGHTWEIGHT AIRBORNE
TRANSPONDER AN/APX-68 /AIRS PROGRAM/.0
FINAL REPORT.
68 00869 NAT U

ARMY ELECTRONICS COMMAND, AVIONICS LAB., FORT |
MONMOUTH, N. J. |
ARMY ADVANCED AFCS STUDY.0 PHASE I,
FINAL REPORT /1 MARCH TO 1 NOVEMBER 1965/.
68 01206 NAT U

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. |
INVESTIGATION OF GENERAL WIRE
ANTENNAS.0 FINAL REPORT.
68 00191 NAT U

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. |
FLAT CABLES FOR LIGHTWEIGHT
INTERCONNECTIONS.0
68 00211 NAT U

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. |
PROCEEDINGS OF THE TWENTY-FIRST ANNUAL
FREQUENCY CONTROL SYMPOSIUM.0
68 00289 NAT U

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. |
NEW SWITCHING CONCEPTS.0 FINAL
REPORT.
68 00354 NAT U

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. |
HYBRID PIEZOELECTRIC DEVICES.0 FINAL
REPORT.
68 00355 NAT U

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. |
BATTERY-FUEL CELL SYSTEM.0
68 00595 NAT U

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. |
POWER SOURCES FOR ELECTRIC CARS.0
TECHNICAL REPORT.
68 00679 NAT U

AUTHOR INDEX

04/010 1

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. |
VALUE ENGINEERING-FINAL REPORT FOR LIGHT
OBSERVATION HELICOPTER AVIONICS PACKAGE.#
FINAL REPORT /21 JANUARY 1966 TO 21 JANUARY
1967.#
68 01043 NAT U

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. |
VOR MOTOR MODULATION ANTENNA STUDY.#
FINAL REPORT /16 SEPTEMBER 1967 TO 20
NOVEMBER 1967.#
68 01157 NAT U

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. |
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J. 19 APRIL - 1
MAY 1967.#
68 01310 NAT U

ARMY ELECTRONICS RESEARCH AND DEVELOPMENT |
LAB., FORT MONMOUTH, N. J. |
AIRCRAFT VME ANTENNA.#
68 00229 NAT U

ARMY ENGINEER RESEARCH AND DEVELOPMENT LABS. |
FORT BELVOIR, VA. |
FUEL CELL FUEL STUDIES.#
68 00460 NAT U

ARMY MATERIAL COMMAND, FORT MONMOUTH, N. J. |
TECHNOLOGY CENTER, WASHINGTON, D. C. |
HAULING FREIGHT IN CONTAINERS AND
PACKAGES.#
68 00007 NAT U

ARMY MATERIAL COMMAND, WASHINGTON, D. C. |
AIRCRAFT NAVIGATION COMPUTER /ANC/.#
INTERIM REPORT.
68 01154 NAT U

ARMY MEDICAL RESEARCH AND DEVELOPMENT COMMAND, |
WASHINGTON, D. C. |
IMPROVING HELICOPTER CONSPICUITY THROUGH
THE USE OF PAINTED MAIN ROTOR BLADES.#
68 01160 NAT U

ARMY MEDICAL RESEARCH AND DEVELOPMENT COMMAND, |
WASHINGTON, D. C. |
ANALOG NEURON ANALYZER.#
68 01277 NAT U

ARMY MEDICAL RESEARCH LAB., EDGEMOND ARSENAL, |
MD. |
EFFECTS OF DRUGS ON HUMAN PERFORMANCE -
SUMMARY OF RESULTS.# FINAL REPORT /JULY
1964 TO OCTOBER 1967.#
68 01144 NAT U

ARMY MISSILE COMMAND, REDSTONE ARSENAL, ALA. |
MAINTAINABILITY ENGINEERING GUIDE.#
68 00044 NAT U

ARMY STRATEGIC COMMUNICATIONS COMMAND, FORT |
HUACHUCA, ARIZ. |
INTRODUCTION TO SATELLITE COMMUNICATIONS.#
68 01167 NAT U

ARMY TEST AND EVALUATION COMMAND, ABERDEEN |
PROVING GROUND, MD. |
SERVICE TEST OF LIGHT, SLIDE ANGLE
INDICATOR, UNDER ARCTIC WINTER CONDITIONS.#
FINAL REPORT.
68 01323 NAT U

ARMY WEAPONS COMMAND, ROCK ISLAND, ILL. |
EVALUATION OF VEHICLE CORROSION
PREVENTIVES.#
68 00870 NAT U

ARMY, CORPS OF ENGINEERS, ENGINEER WATERWAYS |
EXPERIMENT STATION, VICKSBURG, MISS. |
RESEARCH STUDY FOR THE DESIGN OF A
PORTABLE VTOL BLAST CONTROLLING
PLATFORM.# FINAL REPORT.
68 00190 NAT U

ARMY, CORPS OF ENGINEERS, ENGINEER WATERWAYS |
EXPERIMENT STATION, VICKSBURG, MISS. |
AIRCRAFT GROUND-FLOTATION INVESTIGATION.#
PART I- BASIC REPORT.
68 00553 NAT U

ARMY, CORPS OF ENGINEERS, OHIO RIVER DIV. |
LABS., CINCINNATI. |
EVALUATION OF THE DYNAFLECT FOR THE
NON-DESTRUCTIVE TESTING OF PORTLAND
CEMENT CONCRETE PAVEMENTS.#
68 00089 NAT U

ARMY, CORPS OF ENGINEERS, WASHINGTON, D. C. |
ARMY PARTICIPATION IN PROJECT
VANGUARD.#
68 00033 NAT U

ARMY, OFFICE OF THE CHIEF OF RESEARCH AND |
DEVELOPMENT, WASHINGTON, D. C. |
AN AIRCRAFT COMPONENT INTENSIVE
MANAGEMENT SYSTEM /ACIMS/.#
68 00919 NAT U

ARMY, FRANKFORD ARSENAL, PHILADELPHIA. |
FUNGUS RESISTANCE OF VINYL POLYMER
INSULATING CABLE COVERINGS.#
TECHNICAL RESEARCH REPORT.
68 00909 NAT U

ARMY, WASHINGTON, D. C. |
A BIBLIOGRAPHIC SURVEY.#
68 00824 NAT U

ARMY, WASHINGTON, D. C. |
REPORT ON TECHNOLOGICAL FORECASTING.#
68 00721 NAT U

ARNET, G. D., JR. |
THERMO-MOLECULAR PRESSURE EFFECTS IN TUBES
AND AT ORIFICES.#
68 01061 NAT U

ARNOLD RESEARCH CORP., ANNAPOLIS, MD. |
JET-FLIGHT EVALUATION OF INERTIAL
NAVIGATION OPERATIONS.# VOLUME II.
68 01250 NAT U

ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD |
AF STATION, TENN. |
A REVIEW OF JET EFFLUX STUDIES
APPLICABLE TO V/STOL AIRCRAFT.#
68 00131 NAT U

ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD |
AF STATION, TENN. |
ACCURATE MEASUREMENT OF AIRFLOW RATE
DURING TESTS OF AIR-BREATHING PROPULSION
SYSTEMS.#
68 00015 NAT U

ANNULU, J. S.-I
DEVELOPMENT OF NONDESTRUCTIVE TESTS FOR
STRUCTURAL ADHESIVE BONDS.0
TECHNICAL REPORT.
68 00894 NAT U

ARU, INC. ROCKET TEST FACILITY, ST. LOUIS. I
ACCURATE MEASUREMENT OF AIRFLOW RATE
DURING TESTS OF AIR-BREATHING PROPULSION
SYSTEMS.0
68 00615 NAT U

ASHBAUGH, N.-I
INVESTIGATION OF MICROMECHANICAL BEHAVIOR
OF FIBER REINFORCED PLASTICS.0 FINAL REPORT
7/4 JUNE 1966 TO 14 MARCH 1967.
68 01122 NAT U

ASHBY, W. L.-I
EN ROUTE IFR AIR TRAFFIC RELATIONSHIPS.0
68 00454 R NAT U

ASHER, W. J.-I
FUEL CELL FUEL STUDIES.0
68 00460 NAT U

ASHKENAS, I. L.-I
ANALYTICAL REVIEW OF MILITARY HELICOPTER
FLYING QUALITIES.0 FINAL REPORT.
68 01521 NAT U

ASSOCIATION OF AMERICAN RAILROADS, CHICAGO. I
INVESTIGATION OF C&N PERRY SERVICE
FOR HIGH SPEED GROUND TRANSPORTATION.0
68 00343 NAT U

ASTRONAUTICS CORP. OF AMERICA, MILWAUKEE, WIS. I
MISSION CONTROL FULL MANAGEMENT TECHNIQUES
FOR AIRCRAFT.0
68 00437 U

ATELIER DE CONSTRUCTIONS ELECTRIQUES DE
CHARLEVAL. I
TESTS ON ACEC VIDEOMETER IN FOG CHAMBER AT
UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA
U. S. A.0 FINAL REPORT.
68 00514 NAT U

ATHWELL, V. W.-I
THE EFFECTS OF TRAILING VORTICES ON THE SAF
CAPACITY OF AIR ROUTES AND AIRPORTS.0
68 00472 NAT U

ATRINSON, R. J.-I
THE TESTING OF SUPERSONIC TRANSPORT
STRUCTURES IN FATIGUE.0 PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
68 01046 NAT U

ATLANTIC AVIATION CORP., WILMINGTON, DEL. I
MAINTAINABILITY AND RELIABILITY OF
AIRCRAFT SYSTEMS.0
68 00424 U

ATLANTIC RESEARCH CORP., ALEXANDRIA, VA. I
TROPICAL PROPAGATION RESEARCH.0 FINAL
REPORT, VOLUME I.
68 00263 NAT U

ATLANTIC TECHNOLOGY CORP., SOMERS POINT, N. J. I
RADAR BRIGHT DISPLAY EQUIPMENT
TEST SET GROUP.0 FINAL REPORT.
68 01522 R NAT U

ATMOSPHERIC SCIENCES LAB., WHITE SANDS MISSILE
RANGE, N. MEX. I
THE SOURCE OF ATMOSPHERIC
ELECTRIFICATION.0
68 00288 NAT U

ATOMIC ENERGY COMMISSION, WASHINGTON, D. C. I
DATA-REDUCTION TECHNIQUE FOR THE
ANALYSIS OF NONLINEAR MOTION.0 RESEARCH
REPORT.
68 01498 NAT U

AUSTIN, L. G.-I
FUEL CELLS.0
68 00171 NAT U

AUSTIN, W. H., JR.-I
DEVELOPMENT OF IMPROVED GUST LOAD
CRITERIA FOR UNITED STATES AIR FORCE
AIRCRAFT.0 FINAL REPORT.
68 00877 NAT U

AUSTIN, W. R.-I
ENGINEERING MEMORANDUM FOR THE PROTOTYPE
ELECTRONIC FLIGHT PROFILE INDICATOR.0
68 00384 NAT U

AUTOMATION INDUSTRIES, INC., BOULDER, COLO. I
NON-DESTRUCTIVE EVALUATION OF MATERIAL
PROPERTIES THROUGH USE OF A THERMAL INSPECTION
SYSTEM.0
68 00377 NAT U

AUTOMATION INDUSTRIES, INC., BOULDER, COLO. I
RESEARCH IN THERMAL NONDESTRUCTIVE
EVALUATION OF CORROSION IN AIRCRAFT
STRUCTURES.0
FINAL REPORT.
68 00605 NAT U

AUTONETICS, ANAHEIM, CALIF. I
TRISAFE/SIDAC CONTROL AUGMENTATION SYSTEM.0
FINAL REPORT.
68 01213 NAT U

AVCO CORP. SPACE SYSTEMS DIV., WILMINGTON, I
MASS. I
DEVELOPMENT OF MATERIALS FOR HARDENED
ANTENNAS AND PROTECTIVE STRUCTURES.0
FINAL TECHNICAL REPORT /30 JUNE 1966
TO 20 JUNE 1967.
68 00498 NAT U

AVCO CORP., WILMINGTON, MASS. I
ARC JET ENGINE PERFORMANCE - EXPERIMENT
AND THEORY II.0 PRESENTED AT THE NATIONAL
ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
68 01023 NAT U

AVCO, C. H.-I
STRESS CORROSION SUSCEPTIBILITY OF WELDED
ALUMINUM ALLOYS.0 FINAL REPORT /JULY 1966 TO
AUGUST 1967.
68 01049 NAT U

AVIATION CRASH INJURY RESEARCH, PHOENIX, ARIZ. |
AD-104 U. S. ARMY MUMAMM MOCKUP
EVALUATION ULTHPAGE, LONG ISLAND, NEW YORK,
31 MARCH 1960.0
68 00719 NAT U

AVIATION CRASH INJURY RESEARCH, PHOENIX, ARIZ. |
CRASH INJURY BULLETIN PART I - ATTACHMENT
OF SEAT BELTS IN THE HU-1A HELICOPTER PART II.
STORAGE OF EQUIPMENT UNDER TROOP SEATS.0
68 00720 NAT U

BABU, D. A. |
HULK SEMICONDUCTOR CONTROL CIRCUITRY FOR
SOLID STATE DISPLAYS.0
68 00742 NAT U

BAUMAU, E. J., DR. |
CHARACTERIZATION OF AIR-TO-GROUND VHF AND
UHF PROPAGATION MEDIA.0 WORKING PAPER.
68 01464 R NAT U

BAGNALL, G. H. |
DEVELOPMENT OF SOLID STATE DISPLAY CONTROL
CIRCUITRY.0 TECHNICAL REPORT /SEPTEMBER 1966
10 JULY 1967.0
68 01609 NAT U

BILLY, M. C. |
EFFECTS OF DIELECTRIC COVERS OVER CROSS
SLOTS IN A RECTANGULAR WAVEGUIDE.0
68 00031 NAT U

BAILEY, R. H. |
IMPROVING HELICOPTER CONSPICUITY THROUGH
THE USE OF PAINTED MAIN ROTOR BLADES.0
68 01160 NAT U

BAILEY, R. H., LTC. |
DEVELOPMENT OF A PAINT SCHEME FOR
INCREASING HELICOPTER CONSPICUITY.0
68 01369 NAT U

BAILEY, R. H., LTC., MSC. |
IMPROVING HELICOPTER CONSPICUITY
THROUGH THE USE OF PAINTED MAIN
ROTOR BLADES.0
68 00363 NAT U

BAIN, L. J. |
INVESTIGATION OF COMPOUND HELICOPTER
AERODYNAMIC INTERFERENCE EFFECTS.0
68 00691 NAT U

BAKER, C. H. |
VISUAL DETECTION OF POSITIVE VS NEGATIVE
PIPS ON A RADAR PPI.0 TECHNICAL MEMORANDUM.
68 01092 NAT U

BAKER, D. H. |
AN ATLAS OF SOLAR FLARE EFFECTS IN
THE IONOSPHERE OBSERVED WITH A HIGH-
FREQUENCY DOPPLER TECHNIQUE.0
68 00237 NAT U

BAKER, W. J. |
EFFECTS OF DRUGS ON HUMAN PERFORMANCE -
SUMMARY OF RESULTS.0 FINAL REPORT /JULY
1964 TO OCTOBER 1967.0
68 01142 NAT U

BALLENTINE, J. R. |
NEAR FIELD NOISE ANALYSES OF AIRCRAFT
PROPULSION SYSTEMS WITH EMPHASIS ON
PREDICTION TECHNIQUES FOR JETS.0
68 00128 NAT U

BALLENTINE, J. R. |
REFINEMENT OF SONIC FATIGUE STRUCTURAL
DESIGN CRITERIA.0
68 00862 NAT U

BALLISTIC RESEARCH LABS., ABERDEEN PROVING
GROUND, MD. |
DOUBLE SAMPLING FOR DESTRUCTIVE TESTING.0
68 00796 NAT U

BALLUT, M. H. |
TRANSPORTATION OF TRANSOCEANIC CARGO.0
A DESIGN FOR RESEARCH.
68 00340 NAT U

BALLUT, M. H. |
TRANSPORTATION OF TRANSOCEANIC CARGO - A
DESIGN FOR RESEARCH.0
68 01285 NAT U

BANHAM, J. H., JR. |
A REVIEW OF THE STATE-OF-THE-ART OF
FLUIDIC CONTROL.0 FINAL REPORT /15 MARCH
1968.0
68 01113 NAT U

BANKS, W. D. |
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE 4-7 APRIL 1967.0
68 00217 NAT U

BANTA, E. D. |
AIRBORNE PHASED ARRAY TECHNIQUES.0
FINAL REPORT.
68 00218 NAT U

BARBINI, W. J. |
CATEGORY II PERFORMANCE TEST ON THE CH-3C
HELICOPTER.0 FINAL REPORT.
68 01175 NAT U

BARGHAUSER, A. F. |
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE 4-7 APRIL 1967.0
68 00217 NAT U

BARKALOW, R. A. |
A METHOD FOR ACHIEVING EQUIPMENT
RELIABILITY, MAINTAINABILITY AND LOGISTICS
SUPPORT.0 FINAL REPORT.
68 01478 R NAT U

BARKER, F. J. |
EFFECT OF EXTREME CONDITIONS ON THE
BEHAVIOR OF LUBRICANTS AND FLUIDS.0
68 00420 NAT U

BARKLEY AND DEXTER LABS., INC., FITCHBURG, |
MASS. |
LASER ACTIVITIES AND BACKGROUND
RADIATION STUDIES.0
68 00084 NAT U

BANNA, A. I.
PSEUDORANDOM FREQUENCY MODULATION IN
WANGE-DOPPLER RADAR. 8 TECHNICAL SCIENTIFIC
REPORT.
68 01191 NAT U

BARNES, S. F. I.
EFFECTS OF FAILURE TYPE, FAILURE ALTITUDE
AND AN EXPERIMENTAL PITCH TRIM AUGMENTATION
UPON MANDATORY GO-AROUND PERFORMANCE. 8
PHASE IV, FINAL REPORT.
68 01180 R NAT U

BARNES, S. F. I.
EVALUATION OF FLIGHT DIRECTOR ELEMENTS-
RISING RUNWAY, EXPANDED LOCALIZER, AND ROLLOUT
STEERING DURING SIMULATED CATEGORY III-C
MANUAL AND SPLIT-AXIS LANDINGS. 8 PHASE II,
FINAL REPORT.
68 01182 R NAT U

BARNES, S. F. I.
PILOT FAILURE DETECTION PERFORMANCE WITH
THREE LEVELS OF FAULT WARNING INFORMATION. 8
PHASE I, FINAL REPORT.
68 01184 R NAT U

BARNES, S. F. I.
EFFECTS OF A 100-FOOT OPTION ALTITUDE
RULE AND AN ANNUNCIATOR PANEL ON FAILURE
DETECTION, GO-AROUND DECISIONS AND LANDING
PERFORMANCE. 8 PHASE III, FINAL REPORT.
68 01361 R NAT U

BARNES, J. A. I.
AIRCRAFT INSTRUMENT PANEL PLACEMENT. 8
68 00726 NAT U

BARNES, S. L. I.
ON THE SOURCE OF THUNDERSTORM ROTATION. 8
68 01300 NAT U

BARNETT, K. M. I.
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J. 19 APRIL - 1
MAY 1968. 8
68 01380 NAT U

BARNETT, K. L. I.
HIGH PERFORMANCE STRUCTURES. 8
68 00992 NAT U

BARNY LIGHT COMP. BARNY CONTROLS DIV. I
WATERLOO, MASS. I
RESEARCH ON ACTIVE VIBRATION ISOLATION
TECHNIQUES FOR AIRCRAFT PILOT PROTECTION. 8
68 00584 NAT U

BARSIS, A. P. I.
CUMULATIVE DISTRIBUTIONS OF VHF FIELD
STRENGTH OVER IRREGULAR TERRAIN USING
LOW ANTIENNA HEIGHTS. 8
68 00196 NAT U

BARTON, F. I.
PHOTOMETRIC AND PHOTOELECTRIC
INSTRUMENTATION. 8 VOLUME I, INTERIM REPORT.
68 00980 NAT U

BARTON, H. P. I.
PROJECT ECHO. 8
68 00023 NAT U

BARTON, E. J. I.
RESEARCH IN THERMAL NONDESTRUCTIVE
EVALUATION OF CORROSION IN AIRCRAFT
STRUCTURES. 8
FINAL REPORT.
68 00605 NAT U

BARTON, J. S. I.
C-5A BASIC DATA FOR FLUTTER ANALYSIS. 8
INTERIM REPORT.
68 00881 NAT U

BARTON, T. M. I.
NIMBUS II VHF MULTIPATH INVESTIGATIONS. 8
FINAL REPORT.
63 00836 R NAT U

BASQUEZ, J. G. I.
V/STOL TERMINOLOGY. 8
68 00143 NAT U

BATE, A. J. I.
TARGET DETECTION ON SIDE-LOOKING RADAR
WHEN IMAGE MOTION CAN BE TEMPORARILY
DELAYED. 8 FINAL REPORT / JANUARY 1966 TO
NOVEMBER 1966. 8
68 01101 NAT U

BATES, H. S. I.
EXPLORATORY DEVELOPMENT PROGRAM TO
PROVE THE FEASIBILITY OF SOLID-STATE
SWITCHING FOR A COMPLEX ELECTRICAL CONTROL
NETWORK. 8
68 00108 NAT U

BATES, H. S. I.
DEVELOPMENT AND EVALUATION OF CHECK OUT
CONCEPTS FOR A CONTACTLESS SWITCHING SYSTEM. 8
VOLUME VII.
68 01012 NAT U

BATTELLE MEMORIAL INST., COLUMBUS, OHIO. I
A STUDY OF THE INFLUENCE OF LUBRICANTS ON
HIGH-SPEED ROLLING-CONTACT BEARING
PERFORMANCE. 8
68 00325 NAT U

BATTELLE MEMORIAL INST., COLUMBUS, OHIO. I
REVIEW OF NONDESTRUCTIVE TESTING
TECHNIQUES FOR DETECTING LACK OF
PENETRATION IN ALUMINUM FUSION WELDS. 8
68 00353 NAT U

BATTELLE MEMORIAL INST., COLUMBUS, OHIO. I
FEASIBILITY OF COMPUTER STORAGE AND
RETRIEVAL OF FREIGHT TARIFF INFORMATION. 8
PHASE II.
68 00458 NAT U

BATTELLE MEMORIAL INST., COLUMBUS, OHIO. I
DETERIORATION OF FUELS AND FUEL-USING
EQUIPMENT. 8
68 00594 NAT U

BATTELLE MEMORIAL INST., COLUMBUS, OHIO. I
RESEARCH AND INVESTIGATION OF ANALYTICAL
TECHNIQUES FOR PREDICTING RELIABILITY OF
FLIGHT CONTROL SYSTEMS AND COMPONENTS. 8
68 00617 NAT U

BATTELLE MEMORIAL INST., COLUMBUS, OHIO. I
AIRCRAFT DESIGNERS HANDBOOK FOR TITANIUM
AND TITANIUM ALLOYS. 8
68 00733 NAT U

AUTHOR INDEX

04/010 1

BATTELLE MEMORIAL INST., COLUMBUS, OHIO. I
VALIDATION OF DESIGN THEORY FOR AIRCRAFT
ARRESTING-GEAR CABLE.0 FINAL REPORT.
68 00740 NAT U

BATTELLE MEMORIAL INST., COLUMBUS, OHIO. I
FEASIBILITY OF COMPUTER STORAGE AND
RETRIEVAL OF FREIGHT TARIFF INFORMATION.0
PHASE I.
68 01077 NAT U

BATTELLE MEMORIAL INST., COLUMBUS, OHIO. I
FEASIBILITY OF COMPUTER STORAGE AND
RETRIEVAL OF FREIGHT TARIFF INFORMATION.0
PHASE I.
68 01080 NAT U

BATTEN, L. S. I
THE EFFECTS OF NUCLEAR WAR ON THE
WEATHER AND CLIMATE.0
68 00000 NAT U

BECK, J. A. I
DOMINANT OPERATING AND STORAGE EFFECTS
ON ELECTRONIC EQUIPMENT AND PART
RELIABILITY.0 FINAL REPORT.
68 00068 NAT U

BAUM, J. V. I
RESEARCH AND INVESTIGATION OF ANALYTICAL
TECHNIQUES FOR PREDICTING RELIABILITY OF
FLIGHT CONTROL SYSTEMS AND COMPONENTS.0
68 00617 NAT U

BAUMHEFER, D. P. I
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J. 19 APRIL - 1
MAY 1968.0
68 01380 NAT U

BEALE, J. K. A. I
HYPERSONIC WAVES IN PIEZOELECTRIC
CRYSTALS.0
68 00506 NAT U

BEAR, B. K. I
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE 4-7 APRIL 1967.0
68 00217 NAT U

BEATTY, H. A. I
JET FUEL DECOMPOSITION STUDIES.0
68 00161 NAT U

BECHTEL CORP., VERBON, CALIF. I
DESIGN MODERNIZATION OF BAYCC POWER
DISTRIBUTION SYSTEM.0 FINAL REPORT.
68 01516 NAT U

BECK, L. P. I
MEASUREMENT OF LEFT CIRCUMFER CORONARY
FLOW, CARDIAC OUTPUT, AND CENTRAL AORTIC
PRESSURE IN THE UNIMPLICATED GREYHOUND DOG.0
68 00026 NAT U

BECKHANN, J. B. I
IMPLICATIONS OF THE BELIEF STATE OF
MATTER FOR NAVAL APPLICATIONS.0
FINAL REPORT, FEBRUARY 1968.
68 00916 NAT U

BECKWITH, W. B. I
ANALYSIS OF THE SEVERE WEATHER FACTOR IN
AUTOMATIC CONTROL OF AIR ROUTE TRAFFIC.0
FINAL REPORT.
68 01282 NAT U

BEDELL, K. M. S. I
AIRCRAFT ACCIDENTS BY OLDER PERSONS.0
68 00792 NAT U

BEECH AIRCRAFT CORP., WICHITA, KANS. I
BEECHCRAFT SUPPORT FOR THE BEECHCRAFT 99.0
68 00422 U

BEELER, G. W., JR. I
ANALOG NYSTAGMUS ANALYZER.0
68 01277 NAT U

BEERBOMER, A. I
INVESTIGATION AND ANALYSIS OF AIRCRAFT
FULL EMULSION.0
68 00781 NAT U

BEHNING, F. P. I
DETAILED ANALYTICAL AND EXPERIMENTAL
INVESTIGATION OF STATOR PERFORMANCE.0
PART II.
68 00758 NAT U

BEISCHEN, D. E. I
EXPOSURE OF MAN TO LOW INTENSITY MAGNETIC
FIELDS IN A COIL SYSTEM.0
68 00952 NAT U

BELCHER, J. J. I
INTEGRATED COCKPIT RESEARCH
PROGRAM.0 VOLUME I. FINAL REPORT.
68 00066 NAT U

BELCHER, J. J. I
INTEGRATED COCKPIT RESEARCH PROGRAM.0
VOLUME II. FINAL REPORT.
68 00067 NAT U

BELCHER, J. J. I
INTEGRATED COCKPIT RESEARCH PROGRAM.0
68 00139 NAT U

BELCHER, J. J. I
INTEGRATED COCKPIT RESEARCH PROGRAM.0
APPENDIX II.
68 00140 NAT U

BELDEN, L. I
COMPUTER/SIMULATION STUDY OF
AIR DERIVED SEPARATION ASSURANCE SYSTEMS IN
MULTIPLE AIRCRAFT ENVIRONMENT.0 THIRD INTERIM
REPORT.
68 01324 NAT U

BELGEN, H. M. I
INFRARED RADIOMETRIC STRESS INSTRUMENTATION
APPLICATION RANGE STUDY.0
68 01421 NAT U

BELGIAN AIR-UNITS AND AIRWAYS AGENCY, BRUSSELS. I
TESTS ON REC VIDEOCAMERA IN FOG CHAMBER AT
UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA
U. S. A.0 FINAL REPORT.
68 00918 NAT U

BELL AEROSYSTEMS CO., BUFFALO, I
AIR CUSHION LANDING BEAR FEASIBILITY
STUDY.#
68 00113 NAT U

BELL AEROSYSTEMS CO., BUFFALO, I
LEADING EDGE DESIGN WITH BRITTLE
MATERIALS.# PRESENTED AT THE NATIONAL
AAS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
68 01026 NAT U

BELL AEROSYSTEMS CO., BUFFALO, I
SUGGESTED GUIDE FOR A FUNCTIONAL TEST
SPECIFICATION FOR HELICOPTER AND V/STOL
AIRCRAFT FLIGHT TRAINERS.# VOLUME III,
FINAL REPORT.
68 01129 NAT U

BELL AEROSYSTEMS CO., BUFFALO, I
DYNAMIC RESPONSE CRITERIA FOR ROTARY WING
AIRCRAFT FLIGHT TRAINERS.# VOLUME I, FINAL
REPORT.
68 01130 NAT U

BELL AEROSYSTEMS CO., BUFFALO, I
DYNAMIC RESPONSE CRITERIA FOR V/STOL
AIRCRAFT TRAINERS.# VOLUME II, FINAL
REPORT.
68 01131 NAT U

BELL AEROSYSTEMS CO., BUFFALO, I
TACTICAL INSTRUMENT LANDING /TAGLAND/
SYSTEM STUDY.#
68 01312 NAT U

BELL HELICOPTER CO., FORT WORTH, TEX. I
EVALUATION OF LAMINATED ELASTOMERIC
BEARINGS IN THE UH-1 HELICOPTER TAIL
MOTOR.#
68 00333 NAT U

BELL HELICOPTER CO., FORT WORTH, TEX. I
A STUDY OF THE VALIDITY OF GROUND-BASED
SIMULATION TECHNIQUES FOR THE UH-1B
HELICOPTER.# FINAL TECHNICAL REPORT.
68 01126 NAT U

BELL TELEPHONE LABS., INC., MURRAY HILLS, N. J. I
SATELLITE SYSTEMS FOR COMMERCIAL
COMMUNICATIONS.# PRESENTED AT IAS
THIRTY-EIGHTH ANNUAL MEETING, NEW YORK,
JANUARY 25, 26 AND 27, 1960.
68 01015 NAT U

BELL TELEPHONE LABS., INC., MURRAY HILLS, N. J. I
THE PHYSICAL PERFORMANCE OF TELSTAR IN
ORBIT.# PRESENTED AT THE IAS THIRTY-FIRST
ANNUAL MEETING, NEW YORK, JANUARY 21, 22, AND
23, 1963.
68 01070 NAT U

BELL, T. C. I
EFFECTS OF THE INFLUENCE OF LUBRICANTS ON
HIGH-SPEED ROLLING-CONTACT BEARING
PERFORMANCE.#
68 00325 NAT U

BELLROSE, P. C., DR. I
ESTABLISHING CERTAIN PARAMETERS OF
HAZARDS TO AIRCRAFT BY MIGRATING BIRDS
IN THE MISSISSIPPI RIVERWAY.#
INTERIM REPORT.
68 00103 NAT U

BEN STERLING, C. A. I
HYDROIC SYSTEMS DESIGN MANUAL.#
68 00090 NAT U

BENNETT, W. A. I
STUDY AND EXPERIMENTATION OF RAPID REACTION
INERTIAL NAVIGATION SYSTEMS.#
68 00070 NAT U

BENJAMIN, V. L. I
ADVANCED SCANNING BEAM GUIDANCE SYSTEM
FOR ALL-WEATHER LANDING.#
68 00055 NAT U

BENDIX CORP., BENDIX AVIONICS DEPT. I
TEST OF AUTOMATIC SELF-CALIBRATION AND
THROTTLE MONITOR AS APPLIED TO AVIONICS
ENGINEERING.#
68 00429 NAT U

BENDIX CORP., COMMUNICATIONS DIV., BALTIMORE, I
ADAPTIVE TECHNIQUES FOR PHASED ARRAYS.#
FINAL REPORT.
68 00110 NAT U

BENDIX FIELD ENGINEERING CORP., OWINGS MILLS, I
MD. I
SPECTRUM SIGNATURE OF AN/APN-133 RADAR
ALTIMETER.# FINAL REPORT.
68 00906 NAT U

BENER, J. I
GUIDANCE CONCEPTS FOR THE TACTICAL
INSTRUMENT LANDING SYSTEM /TAGLAND/.#
68 01336 NAT U

BENJAMINS, J. I
THE COMPARATIVE INTEGRITY OF DOWNWIND
AND UPWIND LOCALISERS.#
68 00744 NAT U

BENNETT, M. F. I
RELIABILITY - MAJOR OVERHAULED VERSUS
MINOR OVERHAULED AIRCRAFT JET ENGINES.#
THESIS.
68 01074 NAT U

BENTICK, J. P. I
AN INCREMENTAL PHASE CHANGER FOR OFFSETTING
TIME AND FREQUENCY STANDARDS.#
68 00715 NAT U

BENZAKIN, M. J. I
STUDY AND TESTS TO REDUCE COMPRESSOR SOUNDS
OF JET AIRCRAFT.# TECHNICAL REPORT.
68 00632 NAT U

BENZING, M. J. I
POLYBENZOTRIAZOLE AS A BINDER FOR SOLID
FILM LUBRICANTS.#
68 00122 NAT U

BENZING, M. J. I
PROCEEDINGS OF THE AFML HYDRAULIC FLUIDS
CONFERENCE.#
68 01153 NAT U

BENZING, M. J. I
LONG TERM PERFORMANCE CAPABILITIES OF
HYDRAULIC FLUIDS.#
68 01570 NAT U

AUTHOR INDEX

04/01* 1

BERG, D. S.]
SYSTEMS ANALYSIS AND ADDITIONAL
INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND
PULSE DOPPLER RADAR.#
68 00776 NAT U

BERGMAN, H. P.]
ANALYSIS OF HUMAN RESPONSE IN COMBINED
CONTROL TASKS.#
68 00618 NAT U

BERGEY, G. E.]
A TECHNIQUE FOR DETERMINING AN
INDEX OF VISUAL ALERTNESS FROM THE
ELECTROENCEPHALOGRAPH.# PHASE REPORT.
68 00983 NAT U

BERGEY, G. E.]
A QUANTITATIVE IMPEDANCE PNEUMOGRAPH.#
PHASE REPORT.
68 00965 NAT U

BERGEY, G. E.]
A PERSONAL FM/FM BIOTELEMETRY SYSTEM.#
PHASE REPORT.
68 00967 NAT U

BERLIN, FREIE UNIVERSITAT.]
STATISTICAL INVESTIGATIONS OF SOME
FORECAST RULES.#
68 00524 NAT U

BERMAN, A.]
THE AEROELASTIC BEHAVIOR OF ROTARY WINGS
IN FORWARD FLIGHT.# FINAL REPORT,
VOLUME I - ANALYSIS.
68 00914 NAT U

BERMAN, J. M.]
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL SURFACE CONFIGURATIONS IN
SUBSONIC FLOW.-THEORETICAL DEVELOPMENT.#
PART I, FINAL REPORT/JUNE 1966 TO SEPTEMBER
1967.
68 01332 NAT U

BERMAN, J. M.]
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL SURFACE CONFIGURATIONS IN
SUBSONIC FLOW.# PART 22, DIGITAL COMPUTER
PROGRAM. FINAL REPORT /JUNE 1966 TO SEPTEMBER
1967.
68 01333 NAT U

BERNBERG, R. E.]
INTEGRATED COCKPIT RESEARCH PROGRAM.#
VOLUME II. FINAL REPORT.
68 00067 NAT U

BERNBERG, R. E.]
INTEGRATED COCKPIT RESEARCH
PROGRAM.# VOLUME I. FINAL REPORT.
68 00066 NAT U

BERNBERG, R. E.]
INTEGRATED COCKPIT RESEARCH PROGRAM.#
68 00125 NAT U

BERNBERG, R. E.]
INTEGRATED COCKPIT RESEARCH PROGRAM.#
APPENDIX II.
68 00140 NAT U

BERNER, C.]
A METHOD FOR GENERATING TELEVISION MOSAIC
DISPLAY.#
68 01371 NAT U

BERNHART, W. D.]
MATHEMATICAL FORMULATION.# VOLUME I,
FINAL REPORT /JUNE 1966 TO OCTOBER 1967.
68 01163 NAT U

BERNY, L. A.]
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE 4-7 APRIL 1967.#
68 00217 NAT U

BERRYMAN, W. C.]
SPECTRUM SIGNATURE OF AN/APN-133 RADAR
ALTIMETER.# FINAL REPORT.
68 00906 NAT U

BERT, C. W.]
FABRICATION AND FULL-SCALE STRUCTURAL
EVALUATION OF SANDWICH SHELLS OF REVOLUTION
COMPOSED OF FIBER GLASS REINFORCED PLASTIC
FACINGS AND HONEYCOMB CORES.#
68 00807 NAT U

BERTRAM, N. L.]
LONG TERM PERFORMANCE CAPABILITIES OF
HYDRAULIC FLUIDS.#
68 01374 NAT U

BESCO, N. O., DR.]
THE EFFECTS OF COCKPIT VERTICAL
ACCELERATIONS ON A SIMPLE PILOTED TRACKING
TASK.#
68 01071 NAT U

BEST, G.]
ACCELERATED TESTING OF HIGH RELIABILITY
PARTS.#
68 00390 NAT U

BEST, J. J.]
A REEXAMINATION OF EYE MOVEMENT DATA.#
TECHNICAL MEMORANDUM.
68 01118 NAT U

BETHEL, J. P.]
SEAL CONTROL, DISPLAY AND RECORDING
CONSOLE.# FINAL REPORT.
68 00183 NAT U

BETTS, L.]
A SIMULATOR INVESTIGATION OF THE PROBLEMS
OF VISUAL TAXI-GUIDANCE IN LOW VISIBILITIES.#
TECHNICAL REPORT.
68 00915 NAT U

BEVER, N. S.]
NON-DESTRUCTIVE INSPECTION OF ER-11 FUEL-
JACKET TUBING USING ELECTROMAGNETIC TECHNIQUES
.#
68 00761 NAT U

BIGGINS, J. C.]
LONGITUDINAL AERODYNAMIC CHARACTERISTICS
IN GROUND EFFECT OF A LARGE-SCALE, VERTICAL
HULL WITH FOUR LIFTING SURFACE PANELS
IN A DUAL TANDER CONFIGURATION.#
68 00197 NAT U

AUTHOR INDEX

BILELLO, M. A. I
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE 4-7 APRIL 1967.0
68 00217 NAT U

BILLINGS, C. E. I
STUDIES OF PILOT PERFORMANCE IN
HELICOPTERS.0
68 00338 NAT U

BIOLOGY, INC., ARLINGTON, VA. I
A STUDY OF AIR FORCE FLIGHT SIMULATOR
PROGRAMS.0
68 00108 NAT U

BIRCH, I. D. I
INTERFEROMETRIC MONITORING OF AUTOMATIC
LANDING USING THE AIRCRAFT RADIO ALTIMETER AS
THE TRANSMITTING SOURCE.0
68 01305 NAT U

BIRUTIS, G. I
CRAB ANGLE SENSING SYSTEM.0
68 00634 U

BISHOP, D. E. I
FREQUENCY SPECTRUM AND TIME DURATION
DESCRIPTIONS OF AIRCRAFT FLYOVER NOISE
SIGNALS.0
68 00451 NAT U

BISHOP, D. E. I
THE PROPAGATION OF SOUND FROM AIRPORT
GROUND OPERATIONS.0
68 00475 NAT U

BISHOP, D. E. I
THE NOISINESS OF TONES PLUS NOISE.0
68 01294 NAT U

BLACK, I. A. I
THERMAL INSULATION SYSTEMS.0
A SURVEY.
68 00093 NAT U

BLACK, N. N. I
SPECTRUM SIGNATURE OF AN/APN-133 RADAR
ALTIMETER.0 FINAL REPORT.
68 00906 NAT U

BLACK, T. J. I
AN ANALYTICAL STUDY OF THE MEASURED WALL
PRESSURE FIELD UNDER SUPERSONIC TURBULENT
BOUNDARY LAYERS.0
68 00646 NAT U

BLACKBURN, W. E. I
ON 2 HELICOPTER HIGH SPEED FLIGHT RESEARCH
WITH LIFT AND THRUST AUGMENTATION.0
68 00061 NAT U

BLACKBURN, W. E. I
BOUNDARY LAYER PRESSURE FLUCTUATIONS
AND STRUCTURAL RESPONSE.0
68 00382 NAT U

BLAIR, L. V. I
RADIO RAY TRAJECTRY RANGE-HEIGHT-ANGLE
CHART.0
68 00579 NAT U

BLAKEMORE, G. J. I
SEMICONDUCTOR RELIABILITY.0
68 00137 NAT U

BLETHARD, R. E. I
DEVELOPMENT AND TEST OF A TECHNIQUE FOR
ESTABLISHING PERSONNEL PERFORMANCE STANDARDS
/TEPPS/.0 PHASE IV. FINAL REPORT.
68 00732 NAT U

BLUM, JOHN A. I AND ASSOCIATES, RESEARCH DIV.,
SAN FRANCISCO. I
THE EFFECTS OF SONIC BOOM ON
BEHAVIOR.0 FINAL REPORT.
68 00177 NAT U

BLUM, JOHN A. I AND ASSOCIATES, RESEARCH DIV.,
SAN FRANCISCO. I
THE EFFECTS OF SONIC BOOM ON STRUCTURAL
BEHAVIOR.0 FINAL REPORT. A SUPPLEMENTARY
ANALYSIS REPORT.
68 00087 NAT U

BOEHM, B. W. I
GRAPHICAL AIDS TO AEROSPACE VEHICLE
MISSION ANALYSIS.0
68 00337 NAT U

BOEHM, P. I
INTEGRATED CIRCUIT AND MESSAGE SWITCH.0
68 00015 NAT U

BOEING AIRPLANE CO., SEATTLE. I
ELECTRICAL BONDING AND OTHER FACTORS
AFFECTING AIRPLANE EXPLOSION HAZARDS.0
68 00396 NAT U

BOEING CO. AIRPLANE DIV., RENTON, WASH. I
FEASIBILITY STUDY OF SHIELDING
TECHNIQUES.0 FINAL REPORT. 1 JUNE 1963
TO 30 NOVEMBER 1964.
68 00035 NAT U

BOEING CO. AIRPLANE DIV., RENTON, WASH. I
THE DEMAND FOR AIRLINE TRAVEL.0
68 00082 NAT U

BOEING CO. AIRPLANE DIV., RENTON, WASH. I
LONGITUDINAL STABILITY AND CONTROL OF
LARGE SUPERSONIC AIRCRAFT AT LOW SPEEDS.0
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01054 NAT U

BOEING CO. AIRPLANE DIV., RENTON, WASH. I
THEORY AND APPLICATION.0 VOLUME I.
68 01125 NAT U

BOEING CO. AIRPLANE DIV., RENTON, WASH. I
COMPUTER PROGRAM DESCRIPTION.0 VOLUME II.
68 01126 NAT U

BOEING CO. COMMERCIAL AIRPLANE DIV. SUPERSONIC
TRANSPORT BRANCH, RENTON, WASH. I
CONC. PTS AND TECHNIQUES IN DESIGN
OF AIRCRAFT SYSTEMS AND COMPONENTS.0
68 00349 NAT U

- BOEING CO., VENTOL DIV., MORTON, PENNA. |
RATIONALE FOR SELECTION AND EVALUATION
OF VTOL AIRCRAFT LANDING GEAR CONFIGURATIONS
FOR SOFT SOIL OPERATION.0
68 01496 NAT U
- BOEING CO., VENTOL DIV., PHILADELPHIA. |
TWO-DIMENSIONAL TESTS OF AIRFOILS
OSCILLATING NEAR STALL. SUMMARY AND EVALUATION
OF RESULTS.0 VOLUME I, FINAL TECHNICAL
REPORT.0
68 01247 NAT U
- BOEING CO., VENTOL DIV., PHILADELPHIA. |
AN EVALUATION OF CONFORMAL CONTACT GEARS.0
FINAL TECHNICAL REPORT.
68 01251 NAT U
- BOEING CO., VENTOL DIV., PHILADELPHIA. |
TWO-DIMENSIONAL TESTS OF AIRFOILS
OSCILLATING NEAR STALL. DATA REPORT.0
VOLUME II, FINAL TECHNICAL REPORT.
68 01246 NAT U
- BOEING CO., MORTON, PENNA. |
APPLICATION OF OPTIMIZATION TECHNIQUES TO
THE DESIGN AND OPERATION OF V/STOL AIRCRAFT.0
68 00792 NAT U
- BOEING CO., MORTON, PENNA. |
HEAVY-LIFT HELICOPTER 40,000-POUND-CAPACITY
EXTERNAL CARGO HANDLING SYSTEM, DESIGN STUDY.0
68 00780 NAT U
- BOEING CO., MORTON, PENNA. |
FEASIBILITY OF V/STOL CONCEPTS FOR
SHORT-HAUL TRANSPORT AIRCRAFT.0 SUPPLEMENT
68 01455 NAT U
- BOEING CO., PHILADELPHIA. |
SUBJECTIVE RESPONSE TO SYNTHESIZED FLIGHT
NOISE SIGNATURES OF SEVERAL TYPES OF V/STOL
AIRCRAFT.0
68 01417 NAT U
- BOEING CO., RENTON, WASH. |
A DISCUSSION OF SELECTED AERODYNAMIC
PROBLEMS ON INTEGRATION OF PROPULSION
SYSTEMS WITH THE AIRFRAME ON TRANSPORT
AIRCRAFT.0
68 00395 NAT U
- BOEING CO., RENTON, WASH. |
STUDY OF AIRCRAFT IN SHORT HAUL
TRANSPORTATION SYSTEMS.0
68 00451 NAT U
- BOEING CO., RENTON, WASH. |
A FINITE ELEMENT ANALYSIS OF SIMPLE
PANEL RESPONSE TO TURBULENT BOUNDARY LAYERS.0
68 00516 NAT U
- BOEING CO., RENTON, WASH. |
HUMAN ENGINEERING PROGRAM.0
68 00590 NAT U
- BOEING CO., RENTON, WASH. |
RELIABILITY MAINTAINABILITY - CONCEPTS AND
TECHNIQUES IN DESIGN OF AIRCRAFT SYSTEMS AND
COMPONENTS.0
68 00794 NAT U
- BOEING CO., RENTON, WASH. |
FAILURE ANALYSIS MODEL 737 BRAKE AND
ANTI-SKID SYSTEMS.0
68 01370 NAT U
- BOEING CO., RENTON, WASH. |
STUDY OF AIRCRAFT IN SHORT HAUL
TRANSPORTATION SYSTEMS.0 VOLUME I,
FINAL REPORT.
68 01384 NAT U
- BOEING CO., SEATTLE. |
TARGET RESOLUTION IMPROVEMENT FROM
FREQUENCY AGILITY.0
68 00223 NAT U
- BOEING CO., SEATTLE. |
THE INVISCID HYPERSONIC FLOW ON THE
DOWNWARD SIDE OF A DELTA WING.0 PRESENTED
AT THE IAS THIRTY-FIRST ANNUAL MEETING,
NEW YORK, JANUARY 21, 22 AND 23, 1963.
68 01031 NAT U
- BOEING CO., SEATTLE. |
COST EFFECTIVE PROVISIONING OF MAINTENANCE
SUPPORT ELEMENTS.0 PRESENTED AT THE IAS
THIRTY-FIRST ANNUAL MEETING, NEW YORK,
JANUARY 21, 22 AND 23, 1963.
68 01034 NAT U
- BOEING CO., WICHITA, KAN. |
LOCATION OF ROUGH AREAS OF RUNWAYS FOR B-52
AIRCRAFT.0 VOLUME III, DIGITAL COMPUTER
PROGRAM. FINAL REPORT /JUNE 1966 TO OCTOBER
1967/.
68 01267 NAT U
- BOEING CO., WICHITA, KAN. |
LOCATION OF ROUGH AREAS OF RUNWAY.0 FOR
B-52 AIRCRAFT.0 VOLUME IV, NUMERICAL RESULTS.
68 01268 NAT U
- BOEING CO., WICHITA, KANS. |
SUBJECTIVE REACTION TO DUAL FREQUENCY
VIBRATION.0
68 00583 NAT U
- BOEING CO., WICHITA, KANS. |
STRESS CORROSION AND FATIGUE TESTS ON
7001-T75 ALUMINUM ALLOY.0
68 00619 NAT U
- BOEING CO., WICHITA, KANSAS. |
NUMERICAL DATA.0 VOLUME II, FINAL
REPORT /JUNE 1966 TO OCTOBER 1967/.
68 01162 NAT U
- BOEING CO., WICHITA, KANSAS. |
MATHEMATICAL FORMULATION.0 VOLUME I,
FINAL REPORT /JUNE 1966 TO OCTOBER 1967/.
68 01163 NAT U
- BONNET, L. M. |
RETRIEVAL OF TECHNICAL DOCUMENTS.0
FINAL SCIENTIFIC REPORT.
68 00666 NAT U
- BOLER, R. |
THE CHEMICAL CONTINUING OF CORROSION
RESISTING STEELS AND OF A NICKEL BASE
ALLOY.0
68 00667 NAT U

BULES, W. A., JR.]
INVESTIGATION OF METHODS TO REDUCE AIRCRAFT
DAMAGE TO WIRE AND CABLE.#
68 00036 NAT U

BULKHOVITINOV, V. F.]
DEVELOPMENT OF AIRCRAFT.# TRANSLATED FROM
RUSSIAN.
68 01175 NAT U

BULT, BEKANEK AND NEWMAN, INC., CAMBRIDGE, I
MASS. I
STUDIES OF MULTIVARIABLE MANOVAL
CONTROL SYSTEMS.#
68 00095 NAT U

BULT, BEKANEK AND NEWMAN, INC., CAMBRIDGE, I
MASS. I
ADAPTIVE CHARACTERISTICS OF A MANOVAL
CONTROLLER OF TIME-VARYING SYSTEMS.#
68 00616 NAT U

BULT, BEKANEK AND NEWMAN, INC., CAMBRIDGE, I
MASS. I
AN OPTIMAL CONTROL METHOD FOR PREDICTING
CONTROL CHARACTERISTICS AND DISPLAY
REQUIREMENTS OF MANOVAL-VEHICLE SYSTEMS.#
FINAL REPORT 71 JULY 1966 TO 31 AUGUST 1967.
68 01334 NAT U

BULT, BEKANEK AND NEWMAN, INC., VAN NUYS, I
CALIF. I
GROWTH OF NOISINESS FOR TONES AND
BANDS OF NOISE AT DIFFERENT FREQUENCIES.#
TECHNICAL REPORT.
68 00315 NAT U

BULT, BEKANEK AND NEWMAN, INC., VAN NUYS, I
CALIF. I
THE EFFECTS OF BACKGROUND NOISE UPON
PERCEIVED NOISINESS.# TECHNICAL REPORT.
68 00316 NAT U

BULT, BEKANEK AND NEWMAN, INC., VAN NUYS, I
CALIF. I
FREQUENCY SPECTRUM AND TIME DURATION
DESCRIPTIONS OF AIRCRAFT FLYOVER NOISE
SIGNALS.#
68 00951 NAT U

BULT, BEKANEK AND NEWMAN, INC., VAN NUYS, I
CALIF. I
THE PROPAGATION OF SOUND FROM AIRPORT
GROUND OPERATIONS.#
68 00475 NAT U

BULT, BEKANEK AND NEWMAN, INC., VAN NUYS, I
CALIF. I
THE NOISE LEVELS OF TONES PLUS NOISE.#
68 01254 NAT U

BULT, BEKANEK AND NEWMAN, INC., VAN NUYS, I
CALIF. I
ELECTROMAGNETIC INTERFERENCE.#
VOLUME II, INTERIM REPORT.
68 01270 NAT U

BURGER, J. J.]
AN EVALUATION OF SOME RAIN REPELLANTS FOR
AIRCRAFT WING WINDSCREENS.#
68 00715 NAT U

BURKE, S.]
SINGLE CHANNEL NONPOULSE TECHNIQUE.#
FINAL REPORT.
68 00216 NAT U

BUDZ ALLEN APPLIED RESEARCH, INC., BOSTON, MA. I
ANALYSIS OF THE FUNCTIONS OF
TRANSPORTATION A CONCEPTUAL FRAMEWORK.
68 00145 NAT U

BUDZ ALLEN APPLIED RESEARCH, INC., BOSTON, MA. I
EVALUATION OF RELIABLE PRESENTATION
TECHNIQUES FOR ENTIRE FLIGHT INTERPRETATION.
68 00743 NAT U

BUDZ ALLEN APPLIED RESEARCH, INC., BOSTON, MA. I
PROSPECTIVE ANALYSIS OF THE EFFECTS OF
CERTIFICATION ON AIRCRAFT ACTIVITY.
68 00743 NAT U

BUDZ ALLEN APPLIED RESEARCH, INC., BOSTON, MA. I
USAGE OF COMBINED AIRMAN
CERTIFICATION BY ACTIVE AIRMEN - AN ACTIVE
AIRMAN POPULATION ESTIMATE.#
68 01925 NAT U

BURTON, G.]
TACAN RELIABILITY STUDY.# FINAL
ENGINEERING REPORT.
68 01324 NAT U

BURLAND, C. J.]
AN EXPERIMENTAL SIMULATION OF GUST LOADING
OF SUPERSONIC VEHICLES.#
68 00516 NAT U

BURLAND, C. J.]
WING-BODY INTERFERENCE EFFECTS.# PART I,
FINAL REPORT /JANUARY 4, 1965 TO JANUARY 3,
1966/.
68 01227 NAT U

BURRICK, M. J.]
EXUS IN OPERATION.# PRESENTED AT THE
INSTITUTE OF NAVIGATION NATIONAL AIR MEETING
ON COLLISION AVOIDANCE, DAYTON, OHIO,
23 AND 24 FEBRUARY 1967.
68 01287 NAT U

BOSSERT, M. J.]
EFFECT OF EXTREME CONDITIONS ON THE
BEHAVIOR OF LUBRICANTS AND FLUIDS.#
68 00620 NAT U

BUTSFORD, G. J.]
SPECTRUM SIGNATURE OF AN/APN-115 RADAR
ALTIMETER.# FINAL REPORT.
68 00906 NAT U

BUTWELL, N. J.]
INVESTIGATION INTO THE USE OF REINFORCED
PLASTICS IN THE WESSER HELICOPTER TO PREVENT
CORROSION.#
68 00015 NAT U

BUTWELL, N. J.]
AN EXPERIMENTAL SIMULATION OF GUST LOADING
OF SUPERSONIC VEHICLES.#
68 00516 NAT U

- BOULTON, I. I.
THE IMPLEMENTATION OF RELIABILITY
CONCEPTS IN STRUCTURAL DESIGN CRITERIA.0
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01047 NAT U
- BOYDEN, R. P. I.
INVESTIGATION OF THE LATERAL/DIRECTIONAL
STABILITY CHARACTERISTICS OF A FOUR-
PROPELLER TILT-WING VTOL MODEL.0
68 01442 NAT U
- OLYNS, J. E. I.
CIRCULAR-ARRAY RADAR ANTENNA - CARAMBA I
EXPERIMENTAL RESULTS.0 RESEARCH AND
DEVELOPMENT REPORT.
68 01318 NAT U
- BRADSTOCK, R. E. I.
SSI-PHASE II-C HYDRAULIC SYSTEM PIPING
AND CONNECTION METHODS PROGRAM.0
68 00529 NAT U
- BRAND, F. A. I.
MICROWAVE SOLID-STATE DEVICES AND
CIRCUITS.0
68 00287 NAT U
- BRANDENIE, D. M. I.
EVALUATION OF ECONOMICAL VISUAL
APPROACH INDICATORS.0 FINAL REPORT.
68 00346 NAT U
- BRATT, D. E. I.
COWL SEAL TEST - PHASE II-C.0
68 00006 NAT U
- BRAUN, J. F. I.
UH-54A SKYCRANE HELICOPTER FLIGHT LOADS
INVESTIGATION PROGRAM.0
68 00499 NAT U
- BRAZZIEL, M. E. I.
SUMMARY OF VGH DATA COLLECTED ON ONE TYPE
OF TWIN-ENGINE JET AIRPLANE DURING AIRLINE
OPERATIONS.0
68 00843 NAT U
- BRENNAN, L. J.
OPTIMUM PROCESSING OF UNEQUALLY SPACED
RADAR PULSE TRAINS FOR CLUTTER REJECTION.0
68 00029 NAT U
- BRENNAN, W. T. I.
ARMY ADVANCED APES STUDY.0 PHASE II.
FINAL REPORT. WORK II.
68 00774 NAT U
- BRENNAN, W. T. I.
ARMY ADVANCED APES STUDY.0 PHASE II.
FINAL REPORT. WORK II.
68 00775 NAT U
- BRENNAN, W. T. I.
ARMY ADVANCED APES STUDY.0 PHASE I.
FINAL REPORT 71 MARCH 26 1 NOVEMBER 1963.
68 01286 NAT U
- BRESSINK, E. F. I.
ENGINEERING TEST OF LIGHTWEIGHT AIRBORNE
TRANSPONDER AN/APX-68 /AIDS PROGRAM.0
FINAL REPORT.
68 00869 NAT U
- BRETT, J. D. I.
A METHODOLOGY FOR DETERMINING THE
OPTIMUM UNIT OF ISSUE FOR LOW COST
ELECTRIC ITEMS.0 THESIS.
68 00888 NAT U
- BREUL, H. T. I.
A SIMULATOR STUDY OF LOW SPEED VTOL
HANDLING QUALITIES IN TURBULENCE.0 FINAL
REPORT.
68 01226 NAT U
- BRIGSTOCKE, A. I.
J79 BIRDSTRIKE MANUAL FOR INVESTIGATORS.0
68 00556 NAT U
- BRINK, H. V. I.
NEW SWITCHING CONCEPTS.0 FINAL
REPORT.
68 00354 NAT U
- BRISTOL AEROJET, LTD. I
THE CHEMICAL CONTOURING OF 18 PER CENT
NICKEL HARGING STEEL SHEET.0
68 00056 NAT U
- BRISTON, C. L. I.
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE 4-7 APRIL 1967.0
68 00217 NAT U
- BRITISH AIRCRAFT CORP. OPERATING, LTD. FILTON I
DIV., BRISTOL ENGLAND. I
THE FIFTH MEETING OF THE FRENCH-ANGLO
UNITED STATES SUPERSONIC TRANSPORT,
WASHINGTON, D. C. FEBRUARY 27-MARCH 3, 1967.0
68 01462 NAT U
- BRITISH AIRCRAFT CORP. OPERATING, LTD. FILTON I
DIV., BRISTOL ENGLAND. I
STABILITY AND CONTROL OF SUPERSONIC
AIRCRAFT AT LOW SPEEDS.0 PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
68 01055 NAT U
- BRITISH EUROPEAN AIRWAYS CORP., RUISLIP. I
MIDDLESEX, ENGLAND. I
AN EVALUATION OF FOUR AIRSPEED INDICATOR
DISPLAYS.0
68 00863 NAT U
- BROADBENT, E. G. I.
A CLASS OF TWO-DIMENSIONAL FLOWS WITH
HEAT ADDITION.0
68 01403 NAT U
- BROADBENT, J. E. I.
A CASE STUDY ANALYSIS OF AIR LOGISTICS
COMMAND MANAGEMENT OF GROUND COMMUNICATIONS-
ELECTRONICS-METEOROLOGICAL PROGRAMS.0
THESIS.
68 00886 NAT U

AUTHOR INDEX

007017 1

BRUCKMAN, M. E. |
PHYSICAL AND CHEMICAL PROPERTIES OF
JP-4 JET FUEL FOR 1966.0
68 00374 NAT U

BRUCKMAN, M. F. MAJ. |
INVESTIGATION OF LEARNING CURVE AND COST
ESTIMATION METHODS FOR CARGO AIRCRAFT.0
RESEARCH PAPER.
68 00741 NAT U

BRIDGEMAN, M. J. |
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE 4-7 APRIL 1967.0
68 00217 NAT U

BRIEDEN, J. W. |
LANE IDENTIFICATION IN THE OMEGA
SYSTEM.0
68 00242 NAT U

BROOKLEY, C. J. JR. |
A DISCUSSION OF RUBBER-BLADED SNOWPLOW
AND AERIAL SEEDING OF RUNWAYS.0 MEMORANDUM
REPORT.
68 01365 R NAT U

BROOKLEY, C. J. JR. |
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J. 19 APRIL - 1
MAY 1968.0
68 01380 NAT U

BROUILLETTE, C. V. |
COMPARATIVE PERFORMANCE OF AUTOMOBILE
REFINISHING PAINTS.0
68 00106 NAT U

BROOKHUIS, M. A. |
TESTS ON AGEC VIDEOMETER IN FOG CHAMBER AT
UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA
01. 10. 40.0 FINAL REPORT.
68 00015 NAT U

BROWN, A. W. |
A SIMULATOR INVESTIGATION OF THE PROBLEMS
OF VISUAL TAIL-GUIDANCE IN LOW VISIBILITIES.0
TECHNICAL REPORT.
68 00015 NAT U

BROWN, A. F. M. |
THE COMPILER LANGUAGE PROGRAMMING
MANUAL.0 VOLUME II.
68 00415 NAT U

BROWN, A. F. M. |
THE COMPILER PROGRAM DESCRIPTION.0
68 00415 NAT U

BROWN, A. F. M. |
THE SIMULATOR PROGRAM.0 VOLUME III.
68 00415 NAT U

BROWN, C. L. |
AN ANALYSIS OF PERFORMANCE ESTIMATION
METHODS FOR AIRCRAFT.0
68 00170 NAT U

BROWN, D. L. |
EVALUATION OF AUTOMATED TRACK FUNCTIONS.0
FINAL REPORT.
68 01301 R NAT U

BROWN, J. E. |
EVALUATION OF FLIGHT DIRECTOR ELEMENTS-
RISING RUNWAY, EXPANDED LOCALIZER, AND RECENT
STEERING-DURING SIMULATED CATEGORY III-C
MANUAL AND SPLIT-AXIS LANDINGS.0 PHASE II.
FINAL REPORT.
68 01182 R NAT U

BROWN, K. |
INVESTIGATION OF THE CALIBRATION OF
MICROPHONES FOR SONIC BOOM MEASUREMENT.0
68 01419 NAT U

BROWNHILL, D. J. |
MECHANICAL PROPERTIES, INCLUDING FRACTURE
TOUGHNESS AND FATIGUE, AND RESISTANCE TO
STRESS CORROSION CRACKING, OF STRESS-RELIEVED
STRETCHED ALUMINUM ALLOY EXTRUSIONS.0
FINAL REPORT /MARCH 1966 TO JANUARY 1967.
68 01076 NAT U

BRUMACHIN, S. M. |
SUBJECTIVE REACTION TO DUAL-FREQUENCY
VIBRATION.0
68 00583 NAT U

BRUSH, D. K. |
FEASIBILITY STUDY OF SHIELDING
TECHNIQUES.0 FINAL REPORT. 1 JUNE 1963
TO 30 NOVEMBER 1964.
68 00035 NAT U

BUCK, R. M. |
FEDERAL AVIATION AGENCY COLLISION
PREVENTION ADVISORY GROUP, MINUTES OF THE
TWENTY-SIXTH MEETING, DECEMBER 1, 1966.0
68 01463 R NAT U

BUCKLEY, J. D. |
STATIC, SUBSONIC, AND SUPERSONIC
OXIDATION OF JET GRAPHITE COMPOSITES.0
68 00052 NAT U

BUCKLEY, T. W. DR. |
THE EFFECT OF ATMOSPHERIC REFRACTION
ON THE ACCURACY OF RADAR HEIGHT MEASUREMENTS.0

BULFORD, D. E. |
CLEAR AIR TURBULENCE.0
A BIBLIOGRAPHY. FINAL REPORT.
68 00683 R NAT U

BULLEN, M. I. |
A REVIEW OF COUNTING ACCELEROMETER DATA
ON AIRCRAFT GUST LOADS.0
68 00405 U

BURNER-RAND CORP., CANOGA PARK, CALIF. |
EFFECTIVENESS OF DISPLAY SUBSYSTEM
MEASUREMENT AND PREDICTION TECHNIQUES.0
68 00001 NAT U

BURNER-RAND CORP., CANOGA PARK, CALIF. |
EVALUATION OF USER REACTIONS TO A
SYSTEM.0
68 00094 NAT U

BURNER-RAND CORP., CANOGA PARK, CALIF. |
ACCUMULATION EFFECTS IN MULTIPLE
DISPLAYS.0
68 00136 NAT U

- BUNKER-KAMP CORP., CANOGA PARK, CALIF. |
EFFECTS OF FAILURE TYPE, FAILURE ALTITUDE
AND AN EXPERIMENTAL PITCH TRIP AUGMENTATION
UPON MANDATORY GO-AROUND PERFORMANCE.
PHASE IV, FINAL REPORT.
68 01100 NAT U
- BUNKER-KAMP CORP., CANOGA PARK, CALIF. |
EVALUATION OF FLIGHT DIRECTOR ELEMENTS-
RISING COURSE, EXPANDED LOCALIZER, AND ROLLOUT
STEERING-CURING SIMULATED CATEGORY III-C
MANUAL AND SPIEL-AXIS LANDING.
PHASE II, FINAL REPORT.
68 01152 NAT U
- BUNKER-KAMP CORP., CANOGA PARK, CALIF. |
PILOT FAILURE DETECTION PERFORMANCE WITH
THREE LEVELS OF FAULT WARNING INFORMATION.
PHASE I, FINAL REPORT.
68 01155 NAT U
- BUNKER-KAMP CORP., CANOGA PARK, CALIF. |
SUMMARY OF ALL WEATHER LANDING SIMULATION
STUDIES.
FINAL REPORT.
68 01200 NAT U
- BUNKER-KAMP CORP., CANOGA PARK, CALIF. |
EFFECTS OF A 100-FOOT OPTION ALTITUDE
RULE AND AN ANNUNCIATOR PANEL ON FAILURE
DETECTION, GO-AROUND DECISION, AND LANDING
PERFORMANCE.
PHASE III, FINAL REPORT.
68 01201 NAT U
- BUNN, R. A. |
CATEGORICAL SYSTEMS EVALUATION.
68 00315 NAT U
- BUNSHAM, R. F. |
RATES OF CLEAVAGE AND DEFORMATION TWINNING
IN METALS.
68 00671 NAT U
- BUNTING, R. H. |
GREASES FOR HIGH SPEED, HIGH TEMPERATURE
ANTI-FRICTION BEARINGS.
68 00676 NAT U
- BUNTING, R. H. |
HIGH TEMPERATURE THERMALLY STABLE
GREASES.
ANNUAL REPORT 71 FEBRUARY 1967 TO
1 FEBRUARY 1967.
68 01210 NAT U
- BUREAU OF NAVAL WEAPONS, WASHINGTON, D. C. |
A SUB APPROACH PLACING.
68 00172 NAT U
- BUREAU OF NAVAL WEAPONS, WASHINGTON, D. C. |
A SIMULATION STUDY OF LOW SPEED VTC
FLYING QUALITY IN TURBULENCE.
FINAL REPORT.
68 01222 NAT U
- BUREAU OF PUBLIC ROADS, WASHINGTON, D. C. |
FIELD TEST APPARATUS AND PROCEDURES.
68 00908 NAT U
- BUREAU OF PUBLIC ROADS, WASHINGTON, D. C. |
POPULATION, ECONOMIC, AND LAND USE STUDIES
IN URBAN TRANSPORTATION PLANNING.
A DISCUSSION OF CURRENT PRACTICE.
68 00997 NAT U
- BUREAU OF PUBLIC ROADS, WASHINGTON, D. C. |
1975 PROJECTIONS, FOREGROUND OF THE
FUTURE.
VOLUME II.
68 00998 NAT U
- BUREAU OF PUBLIC ROADS, WASHINGTON, D. C. |
1975 TRANSPORTATION PLANS.
VOLUME III.
68 00999 NAT U
- BUREAU OF PUBLIC ROADS, WASHINGTON, D. C. |
THE STATE OF THE REGION.
VOLUME I.
68 01000 NAT U
- BUREAU OF PUBLIC ROADS, WASHINGTON, D. C. |
EVALUATION OF BUS TRANSIT DEMAND IN
MIDDLE SIZED URBAN AREAS.
PHASE I, FINAL REPORT.
68 01001 NAT U
- BUREAU OF PUBLIC ROADS, WASHINGTON, D. C. |
RELATIONSHIP OF ACCIDENT RATES AND ACCIDENT
INVOLVEMENTS WITH HOURLY VOLUMES.
68 01004 NAT U
- BUREAU OF PUBLIC ROADS, WASHINGTON, D. C. |
PARKING GUIDE FOR CITIES.
68 01008 NAT U
- BUREAU OF SPORT FISHERIES AND WILDLIFE, DENVER |
WILDLIFE RESEARCH CENTER, DENVER, COLO. |
INVESTIGATION OF METHODS TO REDUCE ANIMAL
DAMAGE TO WIRE AND CABLE.
68 00036 NAT U
- BUREAU OF SPORT FISHERIES AND WILDLIFE, |
WASHINGTON, D. C. |
ESTABLISHING CERTAIN PARAMETERS OF
HAZARD TO AIRCRAFT BY MIGRATING BIRDS
IN THE MISSISSIPPI FLYWAY.
INTERIM REPORT.
68 00103 NAT U
- BUREAU OF SPORT FISHERIES AND WILDLIFE, |
WASHINGTON, D. C. |
CONTROL BIRDS ON AND AROUND AIRPORTS.
INTERIM REPORT.
68 00104 NAT U
- BUREAU OF THE CENSUS, WASHINGTON, D. C. |
NATIONAL TRAVEL SURVEY -- FINDINGS AND
THEIR USE IN A PROPOSED COMPUTER MODEL.
PRESENTED AT THE TRAVEL RESEARCH ASSOCIATION
NEW YORK CITY, MAY 19, 1964.
68 00923 NAT U
- BURIS, R. J. |
THEORETICAL ERROR ANALYSIS OF A
DOPPLER RANGE-RATE AND PHASE-MODULATED
RANGE TRACKING SYSTEM.
68 00507 NAT U
- BURRIS, R. J. |
A-D ANALOG AND DIGITAL INERTIAL SYSTEMS
FLIGHT EXPERIENCE.
68 01428 NAT U
- BURNHATCHER, R. H. |
AN ANALYSIS OF ARA PROCUREMENT TRANSACTIONS
UNDER \$10,000 FOR MANAGEMENT IMPROVEMENT.
THE PLS.
68 00887 NAT U

- BURKHMAN, J. J.
A NOTE ON TURBULENCE PROBLEMS
ASSOCIATED WITH TAKE-OFF AND LANDING. #
68 00194 NAT U
- BURKHMAN, J. J.
TURBULENCE IN CLEAR AIR NEAR
THUNDERSTORMS. #
68 00603 NAT U
- BURNS, A. J.
TURBULENCE IN CLEAR AIR NEAR
THUNDERSTORMS. #
68 00603 NAT U
- BURNS, M. A. J.
A MODEL OF OUTPUT, INCOME AND EMPLOYMENT
IN CONTRAST CONSTRUCTION IN THE NORTHEAST
CORRIDOR REGION. # TECHNICAL PAPER NUMBER 111.
68 01297 NAT U
- BURKE, M. J. J.
CONTRIBUTION OF ACTIVITY TO THE CIRCADIAN
RHYTHM IN EXCRETION OF MAGNESIUM AND
CALCIUM. #
68 01470 NAT U
- BURRAGE, M. H. J.
PARKING GUIDE FOR CITIES. #
68 008 NAT U
- BURRAGE, M. H. J.
ADDITIONAL COMPONENTS. # VOLUME IV.
68 00805 NAT U
- BURROUGHS, L. R. J.
DESIGN STUDY OF HEAVY LIFT HELICOPTER
EXTERNAL LOAD HANDLING SYSTEM. #
68 00674 NAT U
- BURT, M. A. J.
THE STUDY OF AIR TRAFFIC CONTROL
THROUGH NON-REAL TIME SIMULATION. #
68 00075 NAT U
- BURT, M. A. J.
TRANSITION TERMINAL CONTROL USING THE
DATA PROCESSING CENTRAL. #
68 00076 NAT U
- BURT, M. A. J.
AIRCRAFT KINEMATICS ROUTINE. #
68 00081 NAT U
- BUSSEY, T. H. J.
NON-DESTRUCTIVE INSPECTION OF F8U-11 FUEL-
JACKET TUBING USING ELECTROMAGNETIC TECHNIQUES

68 00741 NAT U
- BUSSEY, J. T. J.
IMPROVED A-BAND EXTENDED-INTERACTION
RESONATORS. #
68 00475 NAT U
- BUTLER, S. S. J. J.
LOW SPEED WIND TUNNEL TESTS ON AN A. B. B
SHORT WING SUBSONIC TRANSPORT RESEARCH MODEL
WITH A. B. B. WING OVER NOSE AND REAR
FLAPS FOR HIGH LIFT. #
68 01174 NAT U
- HYPER, R. G. J. J.
STATISTICAL GAIN CHARACTERISTICS OF
RADAR ANTENNAS. # FINAL ENGINEERING REPORT
7 JUNE 1966 TO JANUARY 1968. #
68 00900 NAT U
- BYNUM, J. A. J. J.
DEVELOPMENT OF A PAINT SCHEME FOR
INCREASING HELICOPTER CONSISTENCY. #
68 01309 NAT U
- BYRONSON, T. J. J.
INVESTIGATION OF THE EFFECTS OF
BARRING IN HELICOPTER CAPABILITY. #
A PNEUMATIC MODEL. #
68 01310 NAT U
- CABRERA, M. J. J. J.
TALL AND STUDIES - TACTICAL IN THE REAR
CAMPAIGN. #
68 01311 NAT U
- CAHILL, J. F. J.
FLIGHT TEST INVESTIGATION OF TRANSONIC
SHOCK-BOUNDARY LAYER PHENOMENA. #
68 01314 NAT U
- CAHILL, J. F. J.
FLIGHT TEST INVESTIGATION OF TRANSONIC
SHOCK-BOUNDARY LAYER PHENOMENA. # VOLUME II,
TECHNICAL REPORT. #
68 01372 NAT U
- CAIN, F. L. J.
STATISTICAL GAIN CHARACTERISTICS OF
RADAR ANTENNAS. # FINAL ENGINEERING REPORT
7 JUNE 1966 TO JANUARY 1968. #
68 00900 NAT U
- CALCATERNA, P. C. J.
RESEARCH ON ACTIVE VIBRATION ISOLATION
TECHNIQUES FOR AIRCRAFT PILOT PROTECTION. #
68 00564 NAT U
- CALIFORNIA INST. OF TECH., PASADENA. J.
LAMINAR BOUNDARY-LAYER SEPARATION
AND NEARWAKE FLOW FOR A SMOOTH BLUNT
BODY AT SUPERSONIC AND HYPERSONIC SPEEDS. #
68 00204 NAT U
- CALIFORNIA, UNIV., SAN DIEGO, MARINE PHYSICAL
LAB. J.
ON THE OPTIMIZATION OF TRANSPONDER SPACING
FOR RANGE-RANGE NAVIGATION. #
68 01114 NAT U
- CALIFORNIA, SAN FRANCISCO BAY AREA RAPID
TRANSIT DISTRICT. J.
PUSHLOCK REPORT. #
68 01228 NAT U
- CALIFORNIA, UNIV., BERKELEY. J.
AN INVESTMENT POLICY TO REDUCE THE TRAVEL
TIME IN A TRANSPORTATION NETWORK. #
68 00445 NAT U
- CALIFORNIA, UNIV., BERKELEY. J.
THE IMPACT OF SOIL SUCCTION ON THE
BEHAVIOR OF A GLACIAL TILL SUBJECTED TO
REPEATED LOADING. #
68 00703 NAT U

CALIFORNIA UNIV., LOS ANGELES. |
CASE STUDIES IN TRANS ANALYSIS.0
68 01342 NAT U

CALIFORNIA UNIV., LOS ANGELES. |
HAZARDS IN COMBINATIONAL AND SEQUENTIAL
SWITCHING CIRCUITS.0 A SURVEY.
68 00711 NAT U

CANADA. DIRECTORATE OF FLIGHT SAFETY. |
J77 AIRCRAFT MANUAL FOR INVESTIGATORS.0
68 00550 NAT U

CANADA. NATIONAL RESEARCH COUNCIL, NATIONAL
AERONAUTICAL ESTABLISHMENT, OTTAWA. |
A MOMENTUM RULE FOR OPTIMUM AIRCRAFT
PERFORMANCE IN THE VSTOL TRANSITION REGIME.0
68 00412 U

CANADA. NATIONAL RESEARCH COUNCIL, NATIONAL
AERONAUTICAL ESTABLISHMENT, OTTAWA. |
A STUDY OF WINDSHIELD TEMPERATURES IN
FLIGHT ON THE MCAP YUKON AIRCRAFT.0
68 00415 U

CANADA. NATIONAL RESEARCH COUNCIL, NATIONAL
AERONAUTICAL ESTABLISHMENT, OTTAWA. |
SOME ADDITIONAL LOW SPEED BIRD IMPACT TESTS
ON A MODIFIED WINDSHIELD OF THE CL-41 TUTOR
AIRCRAFT.0
68 00414 U

CANADA. NATIONAL RESEARCH COUNCIL, OTTAWA. |
THE FIREBALL OF APRIL 15, 1966.
I, CANADIAN VISUAL OBSERVATIONS.0
REPRINT.
68 00031 NAT U

CANADA. NATIONAL RESEARCH COUNCIL, OTTAWA. |
PATH OF THE FIREBALL OF JUNE 14, 1967.0
68 00032 NAT U

CANADA. NATIONAL RESEARCH COUNCIL, OTTAWA. |
PROFILES AND POWER SPECTRA OF SOME
OFF-RUNWAY LANDING AREAS.0
68 00177 NAT U

CANADA. NATIONAL RESEARCH COUNCIL, OTTAWA. |
REPORT ON AIRCRAFT ENGINE
WINDSHIELD INVESTIGATIONS.0
68 00487 NAT U

CANADA. NATIONAL RESEARCH COUNCIL, OTTAWA. |
SOME ADDITIONAL LOW SPEED BIRD IMPACT TESTS
ON A MODIFIED WINDSHIELD OF THE CL-41 TUTOR
AIRCRAFT.0
68 00010 NAT U

CANADA. NATIONAL RESEARCH COUNCIL, OTTAWA. |
VIBRATION MODES AND RANDOM RESPONSE OF A
MULTI-BAY PANEL SYSTEM USING FINITE
ELEMENTS.0
68 01199 NAT U

CANADA. NATIONAL RESEARCH COUNCIL, OTTAWA. |
LOW ALTITUDE FLIGHT LOAD SPECTRA FOR LIGHT
AIRCRAFT.0
68 01304 NAT U

CANADA. NATIONAL RESEARCH COUNCIL, OTTAWA. |
STRESS INTENSITY FACTORS FOR A
CHALK FROGGLING ALONG A SERIES OF EQUALLY
SPACED HOLES.0
68 01506 NAT U

CANADA. NATIONAL RESEARCH COUNCIL, OTTAWA. |
DESCRIPTION OF A FOUR DEGREES OF
FREEDOM, VSTOL AIRCRAFT, AIRBORNE SIMULATION.0
68 01507 NAT U

CANADA. NATIONAL RESEARCH COUNCIL, OTTAWA. |
PERTURBATIONS OF SIMPLE WEDGE FLOW
RELATING TO AXISYMMETRIC HYPERSONIC INTAKE ON
IMPROVING CYLINDRICAL SHOCKS.0
68 01508 NAT U

CANADA. ROYAL CANADIAN AIR FORCE, AIR MATERIEL
COMMAND HEADQUARTERS, OTTAWA. |
AEROSPACE-SYSTEM APPLICATIONS OF
RELIABILITY TECHNOLOGY DERIVED FROM THE
ELECTRONICS FIELD.0 PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1969.
68 01050 NAT U

CANSALE, R. |
THE LANDING RESPONSE OF A SLENDER WING
MODEL AIRCRAFT.0
68 01307 NAT U

CANTRELL, G. R. |
APPLICATION OF TIME AND WORKLOAD ANALYSIS
TECHNIQUES TO TRANSPORT FLYERS.0
68 00670 NAT U

CARD, J. B. |
NON-DESTRUCTIVE EVALUATION OF MATERIAL
PROPERTIES THROUGH USE OF A THERMAL INSPECTION
SYSTEM.0
68 00377 NAT U

CARLY, R. B. |
PUPSE PROJECT.0
68 01107 NAT U

CAREY, R. B. |
PUPSE PROJECT.0
68 01108 NAT U

CARLIN, A. |
THE GRAND CANYON CONTROVERSY - LESSONS
FOR FEDERAL COST-BENEFIT PRACTICES.0
68 00274 NAT U

CARRALL, J. J. |
DIGITAL MECHANIZATION OF A DISCRETELY
ADAPTIVE FLIGHT CONTROL COMPUTER.
PART I, HARDWARE DESIGN AND FABRICATION.0
FINAL REPORT.
68 01487 NAT U

CARRUTHER INST. OF TECH., PITTSBURGH. |
NOTES ON CREEP AND DEFORMATION FURNING
IN METALS.0
68 00671 NAT U

CARRUTHER INST. OF TECH., PITTSBURGH. |
MANAGEMENT (CIRCUIT, RESEARCH GROUP. |
SCHEMATIC, OPTIMIZATION AND EVALUATION
OF SYSTEMS IN TRAFFIC NETWORKS.0
68 07072 NAT U

CARNEGIE-MELLON UNIV., PITTSBURGH. I
A METHODOLOGY FOR EVALUATING TIME-SHARED
COMPUTER SYSTEM USAGE.0 SCIENTIFIC INTERIM
REPORT.
68 01142 NAT U

CARD, P. W., JR. I
FLIGHT EVALUATION PROCEDURES AND QUALITY
CONTROL OF TRAINING.0 TECHNICAL REPORT.
68 01110 NAT U

CARP, G. I
ELECTROMAGNETIC INSTRUMENTATION.0
VOLUME II, INTERIM REPORT.
68 01276 NAT U

CARR, J. G. I
THE TESTING OF AIRBORNE INERTIAL
NAVIGATION SYSTEMS.0
68 00463 NAT U

CARRILL, D. F. I
CRASH SURVIVAL DESIGN GUIDE.0
68 01250 NAT U

CARRILL, J. G. I
A 100 KW 2-25 MC/S DISTRIBUTED
AMPLIFIER, DESIGNED FOR USE WITH 10 KW
TUNING-FORK SUBUNDERS.0
68 00238 NAT U

CARTANO, T. F. I
AIR TRANSPORTATION IN THE 1970S - PROBLEMS
AND OPPORTUNITIES.0
68 00712 NAT U

CARTER, E. S., JR. I
SURVEY OF ROTARY WING HANDLING QUALITIES.0
68 00753 NAT U

CARTON, M. I
ATC CONCEPTS FOR SUPERSONIC VEHICLES.0
PART II-2, INTERIM REPORT.
68 00181 NAT U

CARTER, S. A. I
AIRCRAFT VHF ANTENNA.0
68 00224 NAT U

CASE WESTERN RESERVE UNIV., CLEVELAND. I
NETWORKS WITH UNITY-GAIN VOLTAGE AMPLIFIERS
68 00574 NAT U

CASE WESTERN RESERVE UNIV., CLEVELAND. I
ANISOTROPIC MEDIA AND NETWORK SYNTHESIS.0
FINAL REPORT.
68 00576 NAT U

CATU, R. J. I
SYSTEM OF IGNITION AND FLAMMABILITY PROPERTIES
OF LUBRICANTS.0
68 00578 NAT U

CATU, R. J. I
EVALUATION OF PLANE ARRESTOR MATERIALS
FOR AIRCRAFT FUEL SYSTEMS.0
TECHNICAL REPORT.
68 00913 NAT U

CANNY, J. I
REVIEW OF MARINE NAVIGATION SYSTEMS
SYSTEMS AND TECHNIQUES.0
68 00514 NAT U

CARR, INC., WASHINGTON, D. C. I
RETRIEVAL OF TECHNICAL DOCUMENTS.0
FINAL SCIENTIFIC REPORT.
68 00660 NAT U

CENTRAL RESEARCH CORP., FORT MONROE, VA. I
A FEASIBILITY STUDY OF THE DESIGN OF A
TERRY CONCEPT.0
68 00666 NAT U

CENTER, J. W. I
A GAS-LIQUID CHROMATOGRAPHIC METHOD OF
ANALYSIS FOR SYNTHETIC TURBINE ENGINE
FUELS.0
68 00114 NAT U

CHAMBERLAIN, R. E. I
STRUCTURAL FEASIBILITY STUDY OF
PRESSURIZED TANKS FOR LIQUID-METHANE
FUELED SUPERSONIC AIRCRAFT.0
68 00311 NAT U

CHAMBERLAIN, R. E. I
STRUCTURAL FEASIBILITY STUDY OF
PRESSURIZED TANKS FOR LIQUID-METHANE
FUELED SUPERSONIC AIRCRAFT.0
68 00311 NAT U

CHAMBERLIN, W. H. I
AIRFIELD PAVEMENT EVALUATION, USNAS
LOS ALAMITOS, CALIFORNIA.0
68 00366 NAT U

CHAMBERLIN, W. H. I
AIRFIELD PAVEMENT EVALUATION, USNAS SEATTLE
WASHINGTON.0
68 00558 NAT U

CHAMBERS, A. G. I
STRESS CORROSION AND FATIGUE TESTS ON
7001-775 ALUMINUM ALLOY.0
68 00619 NAT U

CHAMBERS, J. R. I
STATIC AND DYNAMIC LONGITUDINAL STABILITY
DERIVATIVES OF A POWERED 0.18-SCALE MODEL
OF A FAN-IN-WING VTOL AIRCRAFT.0
68 00617 NAT U

CHAMBERS, J. R. I
CALCULATION OF THE DYNAMIC LONGITUDINAL
STABILITY OF A TILT-WING V/STOL AIRCRAFT AND
CORRELATION WITH MODEL FLIGHT TESTS.0
68 00664 NAT U

CHAMBERS, R. H. I
EFFECTS OF TRANSVERSE G-STRESS ON
RUNNING MEMORY.0
68 00977 NAT U

CHANG, T. T. I
A METHOD FOR PREDICTING THE TRIM CONSTANTS
AND THE ROTOR-BLADGE LOADINGS AND RESPONSES OF
A SINGLE-ROTOR HELICOPTER.0 FINAL REPORT.
68 01056 NAT U

- CHAPMAN, C. J.
PRELIMINARY INVESTIGATION OF THE NAS STAGE
A BACKUP CHANNEL AS RELATED TO THE MISOLUTION
AND DETECTION OF AIRCRAFT.0 FINAL REPORT.
68 01469 NAT U
- CHAPPELUM, L. C., JR.
ADDITIONS FOR HIGH TEMPERATURE
HYDRAULIC FLUIDS.0
TECHNICAL REPORT 715 NOVEMBER 1966 TO
15 NOVEMBER 1967.0
68 00910 NAT U
- CHANNES, A. J.
CHANNEL UNCONSTRAINED MODELS FOR TRANSPORT
PRICING AND SCHEDULING UNDER COMPETITION.0
68 00690 NAT U
- CHANNES, A. J.
SIMULATION, OPTIMIZATION AND EVALUATION
OF SYSTEMS OF TRAFFIC NETWORKS.0
68 00872 NAT U
- CHASE, T. W. J.
PILOT-IN-THE-LOOP SIMULATION STUDY OF
DIRECT LIFT CONTROL.0 VOLUME II, FINAL REPORT
/MARCH 1967 TO FEBRUARY 1968.0
68 01265 NAT U
- CHASE, T. W. J.
A DIRECT LIFT CONTROL SYSTEM FOR FLIGHT
TEST IN THE F-104.0 VOLUME III, FINAL REPORT
/MARCH 1967 TO FEBRUARY 1968.0
68 01264 NAT U
- CHASE, T. W. J.
PRELIMINARY DESIGN OF DIRECT LIFT
CONTROLS.0 VOLUME I.
68 01266 NAT U
- CHAYENSKIY, M. I.
THE USE OF LIQUID-METAL MELTS IN
DIFFERENT BRANCHES OF INDUSTRY.0
TRANSLATION FROM RUSSIAN.
68 00120 NAT U
- CHEMICAL AND METALLURGICAL RESEARCH, INC.,
CHATTANOOGA, TENN. I
DIRECTORY OF GRAPHITE AVAILABILITY.0
SECOND EDITION.
68 00046 NAT U
- CHEMICAL AND METALLURGICAL RESEARCH, INC.,
CHATTANOOGA, TENN. I
FUEL CELLS FOR AIR FORCE REQUIREMENTS.0
68 00473 NAT U
- CHEN-BEN, W. J.
AIRPLANES - ADVANCES IN ASSEMBLY
TECHNIQUES /II/ WELDING, PLASTIC CEMENTING,
HERMETIC SEALING.0 TRANSLATION FROM RUSSIAN.
68 00121 NAT U
- CHEN, C. F. J.
AN ANALYSIS OF PERFORMANCE ESTIMATION
METHODS FOR AIRCRAFT.0
68 00170 NAT U
- CHEN, K. M. J.
MODIFICATION OF BACKSCATTERING OF A
LOOP BY IMPEDANCE LOADING.0
68 00158 NAT U
- CHENG, D. K. J.
OPTIMIZATION OF PERFORMANCE INDICES IN
DISCRETE ARKAY SYSTEMS.0
68 00773 NAT U
- CHENG, M. K. J.
THE BLUNT-BODY PROBLEM IN HYPERSONIC FLOW
AT LOW REYNOLDS NUMBER.0 PRESENTED AT THE IAS
THIRTY-FIRST ANNUAL MEETING, NEW YORK,
JANUARY 21, 22 AND 23, 1963.
68 01033 NAT U
- CHIA, C-Y. J.
INVESTIGATION OF MICROMECHANICAL BEHAVIOR
OF FIBER REINFORCED PLASTICS.0 FINAL REPORT
714 JUNE 1966 TO 14 MARCH 1967.0
68 01122 NAT U
- CHIANTA, M. A. J.
EVALUATION OF THERMAL PROTECTION AFFORDED
BY A FIBER LINE SUPPLESSION SYSTEM IN MARINE
CORPS AMPHIBIOUS VEHICLES.0 FINAL REPORT.
68 00971 NAT U
- CHIANTA, M. A. J.
DEVELOPMENT OF HIGH-INTENSITY THERMAL
PROTECTIVE FABRIC.0 PHASE REPORT.
68 00979 NAT U
- CHISUM, G. L. J.
TEMPORAL AND LUMINOUS CALIBRATION OF THE
NAVY FLASHBLINDNESS TRAINING DEVICE.0
PHASE REPORT.
68 00972 NAT U
- CHISUM, G. T. J.
PHOTOMETRIC AND PHOTOELECTRIC
INSTRUMENTATION.0 VOLUME I, INTERIM REPORT.
68 00980 NAT U
- CHISUM, G. T., PH.D. J.
EFFECTS OF BLUE CUTOFF FILTERS ON COLOR
DISCRIMINATION.0 PHASE REPORT.
68 00970 NAT U
- CHORNEY, K. A. J.
COST EFFECTIVENESS METHODOLOGY. PART I,
GUIDELINES FOR SYSTEM LIFE - CYCLE COSTING.0
FINAL REPORT.
68 01491 NAT U
- CHORNEY, K. A. J.
COST EFFECTIVENESS METHODOLOGY. PART II,
APPLICATION OF MARKOV CHAIN MODELS
TO DETERMINATION OF WAR STATE PROBABILITIES.0
FINAL REPORT.
68 01492 NAT U
- CHRISTOPHERSON, J. A. J.
AVIATION TERMINAL WEATHER FORECAST
STUDY.0
68 00655 NAT U
- CHRYSLER CORP., DETROIT, I
FIELD ARTILLERY GUIDED MISSILE SYSTEM.0
68 00705 NAT U
- CHUBARINA, E. V. J.
ELECTRICITY OF THE FREE ATMOSPHERE.0
68 00224 NAT U

- CHUBBOY, R. A., MAJ.]
TWO-SERVICE EVALUATION OF THE CANADIAN
CL-84 TILT-WING V/STOL AIRCRAFT.#
68 00136 NAT U
- CHUNG, J.]
AIRCRAFT PRELIMINARY DESIGN REPORT
V/STOL JET OPERATIONS RESEARCH AIRPLANE
DESIGN STUDY-SECTIONS I TO V.# PART I.
68 00359 NAT U
- CHURCH, D. E.]
NATIONAL TRAVEL SURVEY -- FINDINGS AND
THEIR USE IN A PROPOSED COMPUTER MODEL.#
PRESENTED AT THE TRAVEL RESEARCH ASSOCIATION
NEW YORK CITY, MAY 19, 1964.
68 00923 NAT U
- CLONCE, R. M.]
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE 4-7 APRIL 1967.#
68 00217 NAT U
- CITY HOSPITAL, INTERNAL DIV., WOLFSBURG, I
GERMANY. I
PERSONS INJURED BY LIGHTNING.#
68 00461 NAT U
- CIVIL ADMINISTRATION, MACLEAN-MUNTER I
PUBLICATION, TORONTO. I
SNOW REMOVAL PORTFOLIO.# PAGES 24-26.
65 00430 U
- CIVIL AERONAUTICS ADMINISTRATION, WASHINGTON, I
D. C. I
INTERNATIONAL LANGUAGE FOR AVIATION -
INSTRUMENT FLIGHT.#
68 01176 NAT U
- CLARK, B.]
THE EGOCENTRIC LOCALIZATION OF THE VISUAL
HORIZONTAL IN NORMAL AND LABYRINTHINE-
DEFECTIVE OBSERVERS AS A FUNCTION OF HEAD
AND BODY TILT.#
68 00935 NAT U
- CLARK, D. W.]
BOUNDARY LAYER PRESSURE FLUCTUATIONS
AND STRUCTURAL RESPONSE.#
68 00342 NAT U
- CLARK, J. E.]
MOBILE/TRANSPORTABLE AIR TRAFFIC CONTROL
NAVIGATIONAL AID AND COMMUNICATIONS SYSTEM.#
INTERIM REPORT.
68 01463 R NAT U
- CLARK, S. W.]
FORE-AND-AFT STIFFNESS CHARACTERISTICS
OF PNEUMATIC TIRES.#
68 00021 NAT U
- CLARKE, K. M.]
AN AIRCRAFT COMPONENT INTENSIVE
MANAGEMENT SYSTEM /ACIMS/.#
68 00919 NAT U
- CLARKSON, B. L.]
STRESSES IN SKIN PANELS SUBJECTED TO
RANDOM ACOUSTIC LOADING.#
68 00126 NAT U
- CLAYTON, W. M.]
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J., 19 APRIL - 1
MAY 1968.#
68 01380 NAT U
- CLEMENT, W. F.]
ANALYSIS OF DISPLAY-PILOT-VEHICLE DYNAMICS
FOR ILS APPROACH OF A LARGE JET AIRCRAFT.#
68 00521 NAT U
- CLEMENT, W. F.]
A REEXAMINATION OF EYE MOVEMENT DATA.#
TECHNICAL MEMORANDUM.
68 01118 NAT U
- CLEVITE CORP., ELECTRONIC RESEARCH DIV., I
CLEVELAND, OHIO. I
HYBRID PIEZOELECTRIC DEVICES.# FINAL
REPORT.
68 00355 NAT U
- CLIFFORD, R. M.]
DISPLAY REQUIREMENTS STUDY FOR HELICOPTER
IFR FORMATION FLIGHT.#
68 00573 NAT U
- CLOUSING, L. A.]
SIMULATOR REQUIREMENTS DEDUCED FROM
COMPARISONS OF PILOTS PERFORMANCE IN GROUND
SIMULATIONS AND IN AIRCRAFT.# PRESENTED AT
FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
68 01039 NAT U
- COAKLEY, J. D.]
A METHOD OF INCREASING THE MANEUVERABILITY
OF HIGH SPEED AIRCRAFT WITHIN THE LIMITS OF
HUMAN TOLERANCE TO G FORCES.#
68 00245 NAT U
- COAKLEY, J. D.]
THE EFFECT OF HEAT UPON THE PERFORMANCE
OF MEN IN HIGH SPEED AIRCRAFT - A CRITICAL
REVIEW.#
68 00246 NAT U
- COATES, J. F.]
NONLETHAL WEAPONS FOR USE BY U. S. LAW
ENFORCEMENT OFFICERS.#
68 00270 NAT U
- COCKRELL, C. R.]
A GENERAL METHOD FOR DESIGNING
CIRCULAR ARRAY ANTENNAS TO OBTAIN
QUASI-OMNIDIRECTIONAL PATTERNS.#
68 00304 NAT U
- COGEL, W. C.]
PROBLEMS IN DEPTH PERCEPTION - A
METHOD OF SIMULATING OBJECTS MOVING IN
DEPTH.#
68 00253 R NAT U
- CONAN, S.]
XV-9A HOT CYCLE RESEARCH AIRCRAFT
PROGRAM.# SUMMARY REPORT.
68 00500 NAT U
- COMEN, A. I.]
DESIGN OF CONTINUOUSLY VARIABLE DELAY
LINE.#
68 00116 NAT U

- COMEN, S. M., 1ST/LT. |
AN INVESTIGATION OF LOW VISIBILITY
DURING JANUARY AND FEBRUARY AT SUFFOLK
COUNTY AIR FORCE BASE.0
68 00113 NAT U
- COLUMBIA, T. M. |
MEASUREMENT OF NEAR FIELD NOISE OF A
LIGHTNING AIRCRAFT DURING ENGINE GROUND
RUNNING.0
68 00502 NAT U
- CULL, J. M. |
EVALUATION OF NOISE PROBLEMS
ANTICIPATED WITH FUTURE VTOL AIRCRAFT.0
68 00124 NAT U
- CULL, W. L. |
GENERAL AVIATION PILOT EDUCATION PROGRAM.0
FINAL REPORT.
68 01177 R NAT U
- CULPIN, J. M. |
TRANSFER OF POSITION OF MOTION SICKNESS
ON CHANGE IN BODY POSITION BETWEEN VERTICAL
AND HORIZONTAL IN A ROTATING ENVIRONMENT.0
68 01208 NAT U
- CULPIN, T. L. |
TRENDS IN REPORTED SICKNESS ON TRANSPORT
AIRPLANE.0
68 01436 NAT U
- COLLINS, W. L. |
ANISOTROPIC MEDIA AND NETWORK SYNTHESIS.0
FINAL REPORT.
68 00576 NAT U
- COLLINS RADIO CO., CEDAR RAPIDS, IOWA. |
NEW DEVELOPMENTS IN AUTOMATIC TEST
AND CHECKOUT EQUIPMENT.0
68 00423 U
- COLLINS RADIO CO., CEDAR RAPIDS, IOWA. |
COMPUTER/SIMULATION STUDY OF
AIR CRAFT SEPARATION ASSURANCE SYSTEMS IN
MULTIPLE AIRCRAFT ENVIRONMENT.0 THIRD INTERIM
REPORT.
68 01524 R NAT U
- COLLINS RADIO CO., DALLAS. |
VOR MUTAR MODULATION ANTENNA STUDY.0
FINAL REPORT 7/10 SEPTEMBER 1967 TO 30
NOVEMBER 1967.0
68 01157 NAT U
- COLLINS RADIO CO., NEWPORT BEACH, CALIF. |
HF ADAPTIVE MODEL AIR-TO-GROUND TEST.0
68 00117 NAT U
- COLLINS, G. |
THE DETERMINATION OF OPTIMUM TAKE-OFF PATHS
FOR THE SST IN TERMS OF FLIGHT PATH PARAMETERS
AND TERMINAL CONDITIONS.0 THESIS.
68 01072 NAT U
- COLLINS, G. G., JR. |
A STUDY OF THE REMOTE USE OF COMPUTERS.0
68 00860 NAT U
- COLLINS, G. G., JR. |
A STUDY OF THE REMOTE USE OF COMPUTERS.0
68 00860 NAT U
- COLLINS, J. A. |
AIRCRAFT PASSENGER-SEAT-SYSTEM RESPONSE
TO IMPULSIVE LOADS.0
68 00045 NAT U
- COLLINS, S. A., JR. |
DESCRIPTION OF ENERGY TRANSFER IN
TURBULENT AIR.0 TECHNICAL REPORT.
68 01141 NAT U
- COLLINS, W. L. |
EYE-MOVEMENT AND SUBJECTIVE TURNING
RESPONSES TO VARIOUS DURATIONS OF ANGULAR
ACCELERATION.0 PART VI.
68 00695 NAT U
- COLLINS, W. L. |
RESPONSES FROM THE LATERAL AND THE VERTICAL
CANALS TO TWIN STIMULUS DIRECTION.0 VOLUME I.
68 00466 R NAT U
- COLLINS, W. L. |
RESPONSES TO LATERAL CANAL STIMULI OF
VARIOUS ACCELERATIONS.0 VOLUME II.
68 00447 R NAT U
- COLLINS, W. L. |
INFLUENCE OF HEAD POSITION ON THE
OF VERTICAL NYSTAGMUS.0 NUMBER IX.
68 01477 R NAT U
- COLLINS, W. L. |
INFLUENCE OF HEAD POSITION ON THE
HABITUATION OF VERTICAL NYSTAGMUS.0 PART IX.
68 01526 R NAT U
- COLORADO STATE UNIV., FORT COLLINS, DEPT. OF |
ATMOSPHERIC SCIENCE. |
THE DEPENDENCE OF THE RICHARDSON
NUMBER ON SCALE LENGTH.0
68 00519 NAT U
- COLUMBIA UNIV., NEW YORK, DEPT. OF CIVIL |
ENGINEERING AND ENGINEERING MECHANICS. |
ULTRASONICS AND HYPERSONICS.0 A REVIEW.
TECHNICAL REPORT.
68 01110 NAT U
- COLUMBIA UNIV., NEW YORK, DEPT. OF CIVIL |
ENGINEERING. |
RELIABILITY ANALYSIS BASED ON TIME
TO FIRST FAILURE.0
68 00112 NAT U
- COLUMBIA UNIV., NEW YORK, SCHOOL OF |
ENGINEERING. |
NOTE ON FATIGUE MECHANISM IN FCC METALS
AT ULTRASONIC FREQUENCIES.0 TECHNICAL REPORT.
68 01215 NAT U
- COMMUNICATION SYSTEMS, INC., PARAMUS, N. J. |
IMPLEMENTATION TEST METHODS FOR THE
LONG DISTANCE TERMINAL SUBSYSTEM.0
VOLUME III.
68 01149 NAT U
- COMPUTER SERVICES INC., ENGLEWOOD, N. J. |
AIRCRAFT KINEMATICS ROUTINE.0
68 00001 NAT U

- COMPUTER SERVICES, INC., ENGLEWOOD, N. J. |
THE STUDY OF AIR TRAFFIC CONTROL
THROUGH NON-REAL TIME SIMULATION.0
68 00175 NAT U
- COMPUTER SERVICES, INC., ENGLEWOOD, N. J. |
TRANSITION TERMINAL CONTROL USING THE
DATA PROCESSING CENTRAL.0
68 00076 NAT U
- COMPUTER SERVICES, INC., ENGLEWOOD, N. J. |
REMOTE DIGITAL DATA SCANNER FOR IBM 704
COMPUTER.0
68 00076 NAT U
- COMPUTER SERVICES, INC., ENGLEWOOD, N. J. |
THE ADVANCED CONCEPTS EVALUATOR /ACE/
CONTROLLER ACTIVITY ROUTINES.0 TECHNICAL
MEMO.
68 00074 NAT U
- COMPUTER SERVICES, INC., ENGLEWOOD, N. J. |
A GUIDE TO THE METHOD OF CONFLICT
PREDICTION UNDER ARC RULES AS IMPLEMENTED
IN THE ALL PROGRAM.0 TECHNICAL MEMO.
68 00080 NAT U
- COMPUTER USAGE CO., INC., BALTIMORE. |
ON THE DETECTION AND PREDICTION OF MID-AIR
CONFLICTS.0
68 00121 NAT U
- COMPUTING TECHNOLOGY, INC., PARAMUS, N. Y. |
SURVEY OF COMPUTER-PROGRAM DOCUMENTATION
PRACTICES AT SEVEN FEDERAL GOVERNMENT
AGENCIES.0
68 00150 NAT U
- CONLON, M. J. |
RESEARCH AND INVESTIGATION OF ANALYTICAL
TECHNIQUES FOR PREDICTING RELIABILITY OF
FLIGHT CONTROL SYSTEMS AND COMPONENTS.0
68 00617 NAT U
- CONNELLY, D. W. |
DISPLAY OF WEATHER CONTOURS.0 INTERIM
REPORT.
68 01247 R NAT U
- CONNELLY, D. W. |
EVALUATION OF AUTOMATED TRACON FUNCTIONS.0
FINAL REPORT.
68 01341 R NAT U
- CONNORS, J. F. |
ARC JET ENGINE PERFORMANCE - EXPERIMENT
AND THEORY II.0 PRESENTED AT THE NATIONAL
AKS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
68 01023 NAT U
- CONSAD RESEARCH CORP., PITTSBURGH. |
DESIGN FOR IMPACT STUDIES-NORTHEAST
CORRIDOR TRANSPORTATION PROJECT.0
68 00147 NAT U
- CONSAD RESEARCH CORP., PITTSBURGH. |
PACAGACUND, OVERVIEW, AND SUMMARY.0
VOLUME I, FINAL REPORT.
68 00596 NAT U
- CONSER, TUNNSEN AND ASSOCIATES, CHICAGO, I
ILL. |
ECONOMIC AND ENGINEERING FEASIBILITY STUDY
OF INDUSTRIAL-COMMERCIAL-RESIDENTIAL-
RECREATIONAL COMPLEX AT KINGMAN MUNICIPAL
AIRPORT, MARICOPA COUNTY, ARIZONA.0
68 00984 NAT U
- CONSTANTINE, M. T. |
EVALUATION OF SAFETY CLOTHING MATERIAL.0
68 00920 NAT U
- CUNWAY, J. |
A METHOD FOR GENERATING TELEVISION MOSAIC
DISPLAY.0
68 01371 NAT U
- CONWAY, R. |
VTOL AND STOL SIMULATION STUDY.0 FINAL
REPORT.
68 00983 R NAT U
- CONWAY, R. |
VTOL AND STOL SIMULATION STUDY.0 FINAL
REPORT.
68 01362 R NAT U
- COOK, M. L. |
AIRCRAFT FUEL SYSTEMS DESIGN
STUDY.0
68 00160 NAT U
- COOKE, J. C. |
THE REFRACTION OF SOUND BY A VORTEX.0
68 00409 U
- COOPER, B. L. |
FLIGHT TEST INVESTIGATION OF TRANSONIC
SHOCK-BOUNDARY LAYER PHENOMENA.0
68 01314 NAT U
- COOPER, B. L. |
FLIGHT TEST INVESTIGATION OF TRANSONIC
SHOCK-BOUNDARY LAYER PHENOMENA.0 VOLUME II,
TECHNICAL REPORT.
68 01372 NAT U
- COOPER, D. E. |
SURVEY OF ROTARY WING HANDLING QUALITIES.0
68 00753 NAT U
- COPE, F. W., NO. |
A THEORY OF CELL HYDRATION PREDICATED ON
ABSORPTION OF WATER ON CELL PROTEINS.0
PHASE REPORT.
68 00969 NAT U
- COPELAND, M. L. |
PERFORMANCE EVALUATION AND IMPROVEMENT FOR
AN AIRCRAFT FLIGHT CONTROL SYSTEM IN WHICH SEL
ORGANIZING CONTROL TECHNIQUES ARE USED.0
68 07005 NAT U
- COPELAND, W. C. T. |
INTERIM PROPOSAL FOR AIR ATTENUATION
VALUES FOR AIRCRAFT NOISE.0
68 00734 NAT U
- COPELAND, W. L. |
NOISE MEASUREMENTS DURING TAKE-OFF-CLIMBOUT
OPERATIONS OF JET TRANSPORTS.0
68 00820 NAT U

AUTHOR INDEX

04/010 1

- COPPA, A. P. |
APPLICATION OF A PNEUMATIC GUN APPARATUS TO
STRUCTURAL IMPACT STUDIES AT HIGH VELOCITY. |
PRESENTED AT THE SIXTH INTERNATIONAL SYMPOSIUM
FOR HIGH SPEED TESTING, BOSTON, MASS., MARCH,
6-7, 1967. |
DB 01532 | NAT U
- CORPUS, R. C. |
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J., 19 APRIL - 1
MAY 1966. |
DB 01580 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
A METHOD FOR PREDICTING THE TRIM CONSTANTS
AND THE ROTOR-BLADE LOADINGS AND RESPONSES OF
A SINGLE-ROTOR HELICOPTER. | FINAL REPORT. |
DB 01056 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
PISTON VALUATIONS BY A GROUP
SIMULATION OF THE EFFECTS OF ELEVATION
CONTROL SYSTEM DYNAMICS IN FIGHTER
AIRCRAFT. |
DB 00124 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
A STUDY OF TIRE-SURFACE INTERACTION FOR
THE CASE OF ROLLING ON A WET SURFACE. |
DB 00140 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
THE INFLUENCE OF AERODYNAMIC
FORCES ON THE CRITICAL SPEED OF
AUTOMOBILES. |
DB 00265 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
IN-FLIGHT EVALUATION OF LATERAL-
DIRECTIONAL HANDLING QUALITIES FOR THE
FIGHTER MISSION. |
DB 00381 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
INITIAL VFLC FLIGHT CONTROL DESIGN CRITERIA
DEVELOPMENT-DISCUSSION OF SELECTED HANDLING
QUALITIES TOPICS-FIRST YEARLY REPORT. |
DB 00676 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
SUPPRESSION OF TRANSMITTED HARMONIC ROTOR
LOADS BY BLADE PITCH CONTROL. |
DB 00691 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
ELECTRONIC AUDIO RECOGNITION STUDY. |
DB 00701 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
STUDY OF MODELS IN LINEAR OPTIMAL
CONTROL THEORY AND APPLICATION TO VARIABLE
STABILITY AIRPLANE CONTROL SYSTEM. |
DB 00811 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
THE BLUNT-BODY PROBLEM IN HYPERSONIC FLOW
AT LOW REYNOLDS NUMBER. | PRESENTED AT THE 135
THIRTY-FIRST ANNUAL MEETING, NEW YORK,
JANUARY 21, 22 AND 23, 1963. |
DB 01051 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
GUIDANCE CONCEPTS FOR THE TACTICAL
INSTRUMENT LANDING SYSTEM /TAGLAND/. |
DB 01336 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
HUMAN TRANSFER CHARACTERISTICS IN FLIGHT
AND GROUND SIMULATION FOR THE ROLL TRACKING
TASK. |
DB 01373 | NAT U
- CORNELL AERONAUTICAL LAB., INC., BUFFALO, |
INVESTIGATION OF WARM FOG PROPERTIES AND
FOG MODIFICATION CONCEPTS. |
DB 01420 | NAT U
- CORNELL UNIV., ITHACA, N. Y. |
INFORMATION STORAGE AND RETRIEVAL. |
DB 00664 | NAT U
- CORNELL UNIV., ITHACA, N. Y. |
OPERATION OF GUNN DEVICES IN A SERIES D-C
BIAS CONFIGURATION. | VOLUME II.
FINAL REPORT /1 NOVEMBER 1966 TO 30 SEPTEMBER
1967/. |
DB 01089 | NAT U
- CORNELL UNIV., ITHACA, N. Y. ELECTRICAL |
ENGINEERING RESEARCH LAB. |
DESIGN OF CONTINUOUSLY VARIABLE DELAY
LINE. |
DB 00116 | NAT U
- CORREIA, M. J., LT., MSC, USNR. |
KINEMATICS NOMENCLATURE FOR PHYSIOLOGICAL
ACCELERATIONS. | WITH SPECIAL REFERENCE TO
VESTIBULAR APPLICATIONS. |
DB 00959 | NAT U
- CUNSU, S. J. |
PHILOSOPHY IN EVALUATION OF MAINTENANCE
PROGRAMS FOR NEW AIRCRAFT. |
DB 00431 | U
- CUTE, N. A. |
THE PERFORMANCE OF POSITIVE CRANKCASE
VENTILATION SYSTEMS ON AUTOMOBILES IN
CINCINNATI, OHIO - REPORT NO 2. |
DB 00737 | NAT U
- COTTRELL, D. P. |
DORMANT OPERATING AND STORAGE EFFECTS
ON ELECTRONIC EQUIPMENT AND PART
RELIABILITY. | FINAL REPORT. |
DB 00048 | NAT U
- COUZENS, R. |
A RECEIVER TO TRACK A PHASE MODULATED VERY
LOW FREQUENCY CARRIER. |
DB 00737 | NAT U
- COX, C. O. |
MAINTAINABILITY ENGINEERING GUIDE. |
DB 00044 | NAT U
- COX, C. O. |
SYSTEMS ANALYSIS AND ADDITIONAL
INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND
PULSE DOPPLER RADAR. |
DB 00776 | NAT U

CRAIG, W. J.
 AN/AYA-4 LUNAR-C HYPERBOLIC COORDINATE
 CONVERTER SET.0 FINAL REPORT.
 68 00570 NAT U

CRAIN, J. L.
 FEASIBILITY ANALYSIS OF RAPID TRANSIT
 VEHICLE SYSTEMS.0
 68 01230 NAT U

CRASZ, W. J.
 AN/AYA-4 LUNAR-C HYPERBOLIC COORDINATE
 CONVERTER SET.0 FINAL REPORT.
 68 00569 NAT U

CRANE CO. HYDRO-AIRE DIV., BURBANK, CALIF. I
 TAXI SPEED AND DISTANCE INDICATOR.0
 FINAL REPORT.
 68 01521 R NAT U

CRANE, C. K.
 EVALUATION OF A BIUCIDAL TURBINE-FUEL
 ADDITIVE.0
 68 00697 R NAT U

CRAWFORD, M. K.
 INVESTIGATION OF HYDRAULIC POWER
 TRANSMISSION SYSTEMS FOR VSTOL
 AIRCRAFT.0
 68 00334 NAT U

CRAWFORD, M. P.
 SIMULATION IN TRAINING AND
 EDUCATION.0
 68 00266 NAT U

CREAST, J. V.
 BIBLIOGRAPHIES OF CLIMATIC REFERENCES
 AND CLIMATIC MAPS FOR SELECTED COUNTRIES.0
 68 01497 NAT U

CRESS, M. A.
 VALIDATION OF DESIGN THEORY FOR AIRCRAFT
 ARRESTING-GEAR CABLE.0 FINAL REPORT.
 68 00740 NAT U

CRISMAN, M. C.
 FABRICATION AND FULL-SCALE STRUCTURAL
 EVALUATION OF SANDWICH SHELLS OF REVOLUTION
 COMPOSED OF FIBER GLASS REINFORCED PLASTIC
 FALINGS AND HONEYCOMB CORES.0
 68 00807 NAT U

CRUMACK, J. W.
 AIRCRAFT PASSENGER-SEAT-SYSTEM RESPONSE
 TO IMPULSIVE LOADS.0
 68 00065 NAT U

CRUGA, W. J.
 SIMULATION AND ANALYSIS OF OVER-OCEAN
 SEPARATION ASSURANCE PROCEDURES AND DISPLAYS.0
 FINAL REPORT.
 68 00568 R NAT U

CROOKS, W. M.
 PROJECT HICAT AN INVESTIGATION OF HIGH
 ALTITUDE CLEAR AIR TURBULENCE.0
 VOLUME I.
 68 00779 NAT U

CROOKS, W. M.
 PROJECT HICAT AN INVESTIGATION OF HIGH
 ALTITUDE CLEAR AIR TURBULENCE.0
 68 00513 NAT U

CROOKS, W. M.
 PROJECT HICAT AN INVESTIGATION OF HIGH
 ALTITUDE CLEAR AIR TURBULENCE.0 VOLUME III.
 APPENDICES IX AND X.
 68 00610 NAT U

CROSBY, W. M., MD.
 IMPACT INJURIES IN PREGNANCY. EXPERIMENTAL
 STUDIES.0 NUMBER I.
 68 01475 R NAT U

CROSBY, J. K.
 IMPROVING HELICOPTER CONSPICUITY THROUGH
 THE USE OF PAINTED MAIN ROTOR BLADES.0
 68 01160 NAT U

CRUSLEY, J. K., MAJ. J.
 DEVELOPMENT OF A PAINT SCHEME FOR
 INCREASING HELICOPTER CONSPICUITY.0
 68 01369 NAT U

CROSBY, J. K., MAJ. MSC.
 IMPROVING HELICOPTER CONSPICUITY
 THROUGH THE USE OF PAINTED MAIN
 ROTOR BLADES.0
 68 00363 NAT U

CROSSAN, M. V.
 NON-DESTRUCTIVE EVALUATION OF MATERIAL
 PROPERTIES THROUGH USE OF A THERMAL INSPECTION
 SYSTEM.0
 68 00377 NAT U

CROSMELL, W. F.
 A GENERAL METHOD FOR DESIGNING
 CIRCULAR ARRAY ANTENNAS TO OBTAIN
 QUASI-UNIDIRECTIONAL PATTERNS.0
 68 00304 NAT U

CROW, R.
 METHODS FOR THE INITIAL SUPERDISTRICT
 PROJECTIONS OF NORTHEAST CORRIDOR POPULATIONS.
 EMPLOYMENT AND INCOME.0
 68 01298 NAT U

CROW, R. T.
 A MODEL OF OUTPUT, INCOME AND EMPLOYMENT
 IN CONTRACT CONSTRUCTION IN THE NORTHEAST
 CORRIDOR REGION.0 TECHNICAL PAPER NUMBER III.
 68 01297 NAT U

CUCCHIARA, G.
 DEVELOPMENT OF A HAZARDOUS VAPOR
 DETECTION SYSTEM FOR ADVANCED AIRCRAFT.0
 68 00497 NAT U

CUELLAR, J. P.
 DEVELOPMENT OF A MICRO LUBRICANT DEPOSIT
 TEST.0
 68 00623 NAT U

CUMMINGS, A. J.
 SUPERCONDUCTING HIGH VOLTAGE DELAY
 LINE.0
 68 00641 NAT U

- CUNDAKI, F. L., LCDR. |
HIERARCHY OF TECHNICAL REPORTS OF THE
JOINT ARMY NAVY AIRCRAFT INSTRUMENTATION
RESEARCH / JARAIN/ PROGRAM. |
06 01444 NAT U
- CUNNINGHAM, F. L. |
AN OPERATIONAL METHOD FOR MEASURING
RADIOM CROSS SECTION OF AN AIRBORNE TARGET. |
06 00677 NAT U
- CUNNINGHAM, H. L. |
EXPERIMENTS ON STABILITY OF HEMISPHERE-
UNIQUE CAL-CONTAINED JOURNAL BEARINGS TO
HIGH COMPRESSIBILITY NUMBERS. |
06 00191 NAT U
- CURDUTT, H. A. |
COMPARISON OF LONGITUDINAL STABILITY
CHARACTERISTICS OF THREE TILT-WING VTOL
AIRCRAFT DESIGNS. |
06 01125 NAT U
- CURTIS, J. A., CAPT. |
AN ANALYSIS OF THE USE OF MILITARY
AIRCRAFT COMMAND AND CONTROL CARGO
CAPABILITY. |
06 01143 NAT U
- CURTIS, J. W. |
ELIMINATION AND GENERATION OF AIR VEHICLE
PRECIPITATION STATIC NOISE FOR THE XB-70. |
06 01070 NAT U
- CURTIS, H. C., JR. |
AN EXPERIMENTAL INVESTIGATION OF THE
LONGITUDINAL DYNAMIC STABILITY
CHARACTERISTICS OF FOUR-PROPELLER TILT-WING
VTOL MODEL. |
06 00779 NAT U
- CURTIS, H. C., JR. |
COMPARISON OF LONGITUDINAL STABILITY
CHARACTERISTICS OF THREE TILT-WING VTOL
AIRCRAFT DESIGNS. |
06 01125 NAT U
- CURTIS, H. C., JR. |
INVESTIGATION OF THE LATERAL/DIRECTIONAL
STABILITY CHARACTERISTICS OF A FOUR-
PROPELLER TILT-WING VTOL MODEL. |
06 01142 NAT U
- CUSTARD, G. H. |
AIRCRAFT FUEL CELL EXPLOSION SUPPRESSION
SYSTEMS AND THEIR APPLICABILITY TO ARMY
AIRCRAFT. |
06 00495 NAT U
- CUSTARD, G. H. |
A VULNERABILITY EVALUATION OF EMULSIFIED
FUELS FOR USE IN ARMY AIRCRAFT. |
06 01248 NAT U
- LUTHELL, C. |
ADHESION PROPERTIES OF PAINTS ON
GALVANIZED STEEL. |
06 00105 NAT U
- DA-RIVA, J. |
SOME RESULTS IN SUPERSONIC COMBUSTION. |
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964. |
06 01051 NAT U
- DAGEN, H. |
DEVELOPMENT AND APPLICATION OF COST
EFFECTIVENESS EVALUATION PROCEDURES TO
SHIPBOARD ELECTRONIC EQUIPMENT AND SYSTEMS. |
06 00653 NAT U
- DAMKE, H. L. |
THE SHOCK EXPANSION TUBE AND ITS
APPLICATION AS A SONIC BOOM SIMULATOR. |
06 01423 NAT U
- DAMON, T. O., MAJ. USAF. |
INTERRELATION OF IONOSPHERIC SPORIC E
WITH THUNDERSTORMS AND JET STREAMS. |
06 01374 NAT U
- DANIEL, W. F., LT. COL. |
INTERNATIONAL PROBLEMS WHICH WILL
BE CREATED BY THE COMMERCIAL SST. |
VOLUME VI NO. 2, JANUARY 1968. |
06 00362 NAT U
- DANIEL, P. A. |
ADVANCED AUTOMATIC FLIGHT CONTROL SYSTEM
STUDY. |
06 00546 NAT U
- DARRACUTT, H. T. |
REPORT ON TECHNOLOGICAL FORECASTING. |
06 00721 NAT U
- DASH, L. |
STRESS CORROSION SUSCEPTIBILITY OF WELDED
ALUMINUM ALLOYS. |
06 01069 NAT U
- DATA DESIGN LABS., ONTARIO, CALIF. |
HUMAN FACTORS PREDICTION VALIDATION. |
FINAL REPORT. |
06 00341 NAT U
- DATACRAFT, INC., GARDENA, CALIF. |
THEORETICAL STUDY OF STRUCTURAL RESPONSE TO
NEAR-FIELD AND FAR-FIELD SONIC BOOMS. |
06 00589 NAT U
- DAUGHADAY, H. |
SUPPRESSION OF TRANSMITTED HARMONIC ROTOR
LOADS BY BLADE PITCH CONTROL. |
06 00691 NAT U
- DAVENPORT, F. J. |
TWO-DIMENSIONAL TESTS OF AIRFOILS
OSCILLATING NEAR STALL. SUMMARY AND EVALUATION
OF RESULTS. |
06 01247 NAT U
- DAVID, T. |
PROJECT NICAT AN INVESTIGATION OF
HIGH ALTITUDE CLEAR AIR TURBULENCE. |
VOLUME I. |
06 00879 NAT U

DAVIDSON, D. I
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR UMEGA. #
68 01199 R NAT U

DAVIDSON, D. I
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR
UMEGA. # VOLUME 1, FINAL REPORT.
68 01355 R NAT U

DAVIDSON, D. I
FEASIBILITY ANALYSIS OF RAPID TRANSIT
VEHICLE SYSTEMS. #
68 01230 NAT U

DAVIDSON, D. I
AN INVESTIGATION OF THE STRUCTURE OF
TURBULENCE OVER WATER SURFACE WAVES. #
68 01117 NAT U

DAVIDSON, P. D. A. L. & D. I
FUNCTION COLLECTION OF THE STRUCTURE OF
TURBULENCE, MARCH 24-31, 1967. # SUMMARIES
OF PAPERS.
68 01505 NAT U

DAVIDSON, P. L. I
MECHANICAL PROPERTIES, INCLUDING FRACTURE
TOUGHNESS AND FATIGUE, AND RESISTANCE TO
STRESS CORROSION CRACKING, OF STRESS-RELIEVED
STRETCHED ALUMINUM ALLOY EXTRUSIONS. #
FINAL REPORT / MARCH 1966 TO JANUARY 1968/.
68 01076 NAT U

DAVIDSON, W. L. I
PRE-SERVICE EVALUATION OF THE CANADIAN
CC-14 TILT-WING V/STOL AIRCRAFT. #
68 00136 NAT U

DAVIDSON, A. L. I
STRESS CORROSION OF TITANIUM
ALLOYS UNDER SIMULATED SUPERSONIC FLIGHT
CONDITIONS. #
68 00560 NAT U

DAVIDSON, E. L. I
FEASIBILITY ANALYSIS OF RAPID TRANSIT
VEHICLE SYSTEMS. #
68 01230 NAT U

DAVIDSON, J. L. I
A STUB APPROACH BEACON. #
68 00197 NAT U

DAVIDSON, J. L. I
PROBLEMS WITH ELECTRICAL CONNECTORS
AND INSULATED WIRE IN THE AEROSPACE
INDUSTRY. #
68 00043 NAT U

DAVIDSON, A. L. I
TEST AND REPLACE AS NECESSARY /TARAN/
PROGRAM. #
68 00420 U

DAN, D. F. I
DESCRIPTION OF A FOUR DEGREES OF
FREEDOM V/STOL AIRCRAFT AIRBORNE SIMULATOR. #
68 01537 NAT U

DAN, P. R. I
TACTICAL INSTRUMENT LANDING SYSTEM STUDY. #
68 01311 NAT U

DAYTON UNIV., OHIO, RESEARCH INST. I
AN ANALYSIS OF THE AN/FPS-16-ROSE SYSTEM. #
68 01102 NAT U

DAYTON UNIV., OHIO, RESEARCH INST. I
ESTABLISHMENT OF A COORDINATE INDEXING
RETRIEVAL SYSTEM FOR THE AIR FORCE MATERIALS
LABORATORY. #
68 01190 NAT U

DAYTON UNIV., OHIO, RESEARCH INST. I
DEVELOPMENT AND EXPERIMENTAL EVALUATION OF
A RETRIEVAL SYSTEM FOR AIRFORCE CONTROL-
DISPLAY INFORMATION. #
68 00772 NAT U

DAYTON UNIV., OHIO, RESEARCH INST. I
PARAMETRIC FATIGUE ANALYSIS OF
USAF AIRCRAFT. #
68 00192 NAT U

DAYTON UNIV., OHIO, RESEARCH INST. I
A GAS-LIQUID CHROMATOGRAPHIC METHOD OF
ANALYSIS FOR SYNTHETIC TURBINE ENGINE
LUBRICANTS. #
68 00534 NAT U

DE HAVILLAND AIRCRAFT CO., LTD., TORONTO, I
THE AUGMENTOR-WING, A NEW MEANS OF ENGINE
AIRFRAME INTEGRATION FOR STOL AIRCRAFT. #
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01048 NAT U

DE HAVILLAND AIRCRAFT, CO., LTD., MILTON, ONT I
PRACTICAL FATIGUE LOADINGS FOR AERONAUTICAL
STRUCTURES. # PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01044 NAT U

DE LA CIENVA, J. I
FABRICATION AND TESTING OF AN ACTIVE
ELECTROSTATIC DISCHARGER SYSTEM FOR THE
CH-47 HELICOPTER. #
68 00740 NAT U

DE RUIG, L. C. J. I
BIBLIOGRAPHY ON AIRCRAFT NOISE. # SUPPLEMEN
68 00607 NAT U

DEAL, P. L. I
FLIGHT INVESTIGATION OF PERFORMANCE
CHARACTERISTICS DURING LANDING APPROACH
OF A LARGE POWERED-LIFT JET TRANSPORT. #
68 00305 NAT U

DEAL, P. L. I
A PILOTED FIXED-BASE SIMULATOR STUDY OF
LOW-SPEED FLIGHT CHARACTERISTICS OF AN
AUGMENTOR-WING SUPERSONIC TRANSPORT DESIGN. #
68 00490 NAT U

LEAN, P. M. I
FEASIBILITY STUDY OF CRUISE FAN PROPULSION
SYSTEMS AND ASSOCIATED POWER TRANSFER SYSTEM
FOR COMPOUND/COMPOSITE AIRCRAFT. #
68 00778 NAT U

- DEAN, M. F. I
RELIABILITY SCREENING AND STEP-STRESS
TESTING OF DIGITAL-TYPE MICROCIRCUITS.0
68 00364 NAT U
- DEAN, J. G. I
AN EXPERIMENTAL INVESTIGATION OF SOME
ASPECTS OF FREQUENCY STABILITY IN A
PROPOSED SHORT-RANGE, PRECISE NAVIGATION
SYSTEM.0
68 00219 NAT U
- DLANE, F. K. I
TRANSFER OF HABIT OF MOTION SICKNESS
ON CHANGE IN BODY POSITION BETWEEN VERTICAL
AND HORIZONTAL IN A ROTATING ENVIRONMENT.0
68 01208 NAT U
- DELAULT, M. L. I
DEVELOPMENT OF MATERIALS FOR HARDENED
ANTENNAS AND PROTECTIVE STRUCTURES.0
FINAL TECHNICAL REPORT / 10 JUNE 1966
TO 10 JUNE 1967.0
68 00898 NAT U
- DEBONO, M. A. I
INTEGRATION OF HIGH CONTRAST SINO-STATE
DISPLAYS AND ADVANCED CONTROL CIRCUITS.0
FINAL TECHNICAL REPORT / MARCH 1966 TO MAY
1967.0
68 01205 NAT U
- DEBONS, A. I
DEVELOPMENT AND EXPERIMENTAL EVALUATION OF
A RETRIEVAL SYSTEM FOR AIRPORT CENTRAL
DISPLAY INFORMATION.0
68 0277. NAT U
- DECANIO, F. T. I
APPLICATION OF OPTICAL CONTROL THEORY
TO VTOL FLIGHT CONTROL SYSTEM DESIGN.0
68 00173 NAT U
- DECKERT, M. I
LARGE-SCALE WIND-TUNNEL INVESTIGATION OF AN
AIRPLANE MODEL WITH A TILT WING OF ASPECT
RATIO 8.4, AND FOUR PROPELLERS, IN THE
PRESENCE OF A GROUND PLANE.0
68 01085 NAT U
- DEE, F. W. I
FLIGHT MEASUREMENTS OF WING-TIP VORTICE
MOTION NEAR THE GROUND.0
68 01308 NAT U
- DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA. I
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME VII.0
68 00803 NAT U
- DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA. I
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME V.0
68 00801 NAT U
- DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA. I
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME I.0
68 00797 NAT U
- DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA. I
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME II.0
68 00798 NAT U
- DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA. I
TRANSPORTATION PLANNING SYSTEM
BIBLIOGRAPHY.0 VOLUME III.0
68 00799 NAT U
- DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA. I
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME IV.0
68 00800 NAT U
- DEFENSE COMMUNICATIONS AGENCY, ARLINGTON, VA. I
TRANSPORTATION PLANNING SYSTEM
DOCUMENTATION BIBLIOGRAPHY.0 VOLUME VI.0
68 00802 NAT U
- DEGENHARD, J. J. I
ADDITIVES FOR HIGH TEMPERATURE
HYDRAULIC FLUIDS.0
TECHNICAL REPORT / 15 NOVEMBER 1966 TO
15 NOVEMBER 1967.0
68 00910 NAT U
- DEI RUSSI, J. A. I
POLY-COST-ESTIMATING RELATIONSHIPS.0
68 00444 NAT U
- DEISINGER, U. A. I
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J. 19 APRIL - 1
MAY 1968.0
68 01380 NAT U
- DEITERING, J. S. I
DYNAMIC RESPONSE OF THE XC-142A TILT-WING
VTOL AIRCRAFT TO IN-FLIGHT CARGO DELIVERY
AT SLOW SPEEDS.0
68 01252 NAT U
- DELLA VALLE, M. J. I
A STUDY OF WINDSHIELD TEMPERATURES IN
FLIGHT ON THE HC-47 YUKON AIRCRAFT.0
68 00413 U
- DELLIGAR, M. L. I
MICROELECTRONIC INTEGRATED-CIRCUIT BOARDS -
REPAIR.0
68 00385 NAT U
- DENT, P. L. I
PILOT FAILURE DETECTION PERFORMANCE WITH
THREE LEVELS OF FAULT WARNING INFORMATION.0
PHASE I. FINAL REPORT.0
68 01184 NAT U
- DEPARTMENT OF COMMERCE, INSTITUTES FOR
ENVIRONMENTAL RESEARCH, MORRIS, CALIF. I
A THEORY FOR THE DETERMINATION OF
WIND AND PRECIPITATION VELOCITIES WITH
DOPPLER RADARS.0
68 00203 NAT U
- DEPARTMENT OF COMMERCE, OFFICE OF THE
UNDERSECRETARY OF TRANSPORTATION, WASHINGTON, D. C. I
TRANSPORTATION EFFECTS IN EMERGENCIES.0
68 01002 NAT U
- DEPARTMENT OF COMMERCE, OFFICE OF THE
UNDERSECRETARY OF TRANSPORTATION, WASHINGTON, D. C. I
FEASIBILITY OF COMPUTER STORAGE AND
RETRIEVAL OF PASSENGER TARIFF INFORMATION.0
PHASE I.0
68 01077 NAT U

DEPARTMENT OF COMMERCE, OFFICE OF THE
UNDERSECRETARY OF TRANSPORTATION, WASHINGTON,
D. C. |
FEASIBILITY OF COMPUTER STORAGE AND
RETRIEVAL OF FREIGHT TARIFF INFORMATION.
PHASE I.
68 0108U NAT U

DEPARTMENT OF COMMERCE, OFFICE OF THE
UNDERSECRETARY OF TRANSPORTATION, WASHINGTON,
D. C. |
TRANSPORTATION OF TRANSOCEANIC CARGO - A
DESIGN FOR RESEARCH.
68 0128S NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
NEEDS FOR ENVIRONMENTAL SATELLITES.
68 00148 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
PANEL ON ENGINEERING AND COMMODITY
STANDARDS OF THE COMMERCE TECHNICAL
ADVISORY BOARD.
SECTION A.
68 00504 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
PANEL ON ENGINEERING AND COMMODITY
STANDARDS OF THE COMMERCE TECHNICAL
ADVISORY BOARD.
68 00515 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
APPROACHES TO THE MODAL SPLIT - INTERCITY
TRANSPORTATION.
68 00540 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
TRANSPORTATION OF TRANSOCEANIC CARGO.
A DESIGN FOR RESEARCH.
68 00540 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
TRANSPORTATION MEASURES IN EMERGENCIES.
68 00659 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
TURBULENCE IN CLEAR AIR NEAR
THUNDERSTORMS.
68 00663 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
AN ECONOMIC ANALYSIS.
PART I.
EXECUTIVE SUMMARY.
68 00925 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
THE MARKET FOR AIRCRAFT MAINTENANCE
EQUIPMENT IN JAPAN.
PART I.
68 00985 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
PROPOSED AIRPORT INDUSTRIAL PARK SAN
BERNARDINO, CALIF.
68 01005 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
TECHNOLOGICAL INNOVATION - ITS ENVIRONMENT
AND MANAGEMENT.
68 01006 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
THE ECONOMIC FEASIBILITY OF PASSENGER
HYDROFOIL CRAFT IN U. S. DOMESTIC AND
FOREIGN COMMERCE.
68 01276 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
STUDY DESIGN.
TECHNICAL REPORT NUMBER VI.
68 01296 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
A MODEL OF OUTPUT, INCOME AND EMPLOYMENT
IN CONTRACT CONSTRUCTION IN THE NORTHEAST
CORRIDOR REGION.
TECHNICAL PAPER NUMBER III.
68 01297 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
METHODS FOR THE INITIAL SUPERDISTRICT
PROJECTIONS OF NORTHEAST CORRIDOR POPULATIONS,
EMPLOYMENT AND INCOME.
68 01298 NAT U

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. |
DESCRIPTION OF THE AREA SYSTEM FOR THE
NORTHEAST CORRIDOR TRANSPORTATION PROJECT.
68 01299 NAT U

DEPARTMENT OF DEFENSE, OFFICE OF THE SECRETARY
FOR INSTALLATIONS AND LOGISTICS, WASHINGTON,
D. C. |
PROCEEDINGS.
VOLUME I.
68 00907 NAT U

DEPARTMENT OF DEFENSE, OFFICE OF THE SECRETARY
FOR INSTALLATIONS AND LOGISTICS, WASHINGTON,
D. C. |
PROCEEDINGS.
VOLUME II.
68 00908 NAT U

DEPARTMENT OF DEFENSE, OFFICE OF THE UNDER
SECRETARY OF DEFENSE FOR SYSTEM ANALYSIS,
WASHINGTON, D. C. |
STATISTICAL COST ESTIMATING RELATIONSHIPS
SOME BASIC ISSUES /AIRCRAFT EXAMPLES/
68 00266 NAT U

DEPARTMENT OF DEFENSE, WARRENTON, VA. |
PROCEEDINGS OF LOGISTICS RESEARCH
CONFERENCE.
VOLUME I.
68 00361 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
CATALOGUE OF TRANSPORTATION PLANNING
SYSTEMS.
68 00107 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
PROJECT PRIME.
68 00114 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
PROJECT PRIME.
SUPPLEMENTAL MATERIAL.
68 00115 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
PROJECT PRIME HANDBOOK.
68 00138 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
TECHNICAL DATA AND STANDARDIZATION
GLOSSARY.
68 00164 NAT U

AUTHOR INDEX

14/010 1

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
AD HOC WORKING GROUP OF ENGINE
GENERATORS.#
68 00260 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
THE MAKING OF TEST THESAURUS OF
ENGINEERING AND SCIENTIFIC TERMS.#
68 00360 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
A PRIMER ON PROJECT PRIME.#
68 00693 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
SUPPLY MANAGEMENT REVIEW PROGRAM.#
68 00709 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
INTEGRATED LOGISTIC SUPPORT.#
68 01146 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
GLOSSARY OF MAPPING, CHARTING AND GEODETIC
TERMS.#
68 01224 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
SYSTEMS DESIGN.#
68 01257 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
OUTPUT REPORTS.# SUPPLEMENT NUMBER 1.
68 01258 NAT U

DEPARTMENT OF DEFENSE, WASHINGTON, D. C. |
UDD AIRS EQUIPMENT DIRECTORY.#
68 01344 NAT U

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE. |
PUBLIC HEALTH SEAVILLE, N.A. TAPY SANITARY |
ENGINEERING CENTER, CINCINNATI |
THE PERFORMANCE OF POSITIVE CRANKCASE
VENTILATION SYSTEMS ON AUTOMOBILES IN
CINCINNATI, OHIO - REPORT NO. 2.#

DEPARTMENT OF THE INTERIOR, WASHINGTON, D. C. |
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
68 00542 NAT U

DEPARTMENT OF THE INTERIOR, WASHINGTON, D. C. |
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
68 00543 NAT U

DEPARTMENT OF THE INTERIOR, WASHINGTON, D. C. |
RESEARCH ON THE FLAMMABILITY CHARACTERISTIC
OF AIRCRAFT FUELS.#
68 00623 NAT U

DEPARTMENT OF TRANSPORTATION, OFFICE OF HIGH
SPEED GROUND TRANSPORTATION, WASHINGTON, D. |
C. |
BACKGROUND, OVERVIEW, AND SUMMARY.#
VOLUME 1, FINAL REPORT.
68 00996 NAT U

DEPARTMENT OF TRANSPORTATION, WASHINGTON, D. |
C. |
STUDIES ON THE DEMAND FOR FREIGHT
TRANSPORTATION.# VOLUME 1.
68 01010 NAT U

DEPARTMENT OF TRANSPORTATION, WASHINGTON, D. |
C. |
INTERMODAL FREIGHT TRANSPORTATION
COORDINATION - PROBLEMS AND POTENTIAL.#
SUMMARY REPORT.
68 01161 NAT U

DEPARTMENT OF TRANSPORTATION, WASHINGTON, D. |
C. |
OCEANBORNE SHIPPING - DEMAND AND TECHNOLOGY
FORECASTS.# FINAL REPORT.
68 01329 NAT U

DEPUTY FOR COMMUNICATION SYSTEMS, ELECTRONIC |
SYSTEMS DIV., L. G. HANSCOM FIELD, BEDFORD, |
MASS. |
FACILITY IMPLEMENTATION TEST METHODS FOR
THE WIDEBAND TRANSMISSION SUBSYSTEM.#
VOLUME 1.
68 01217 NAT U

DEPUTY FOR COMMUNICATION SYSTEMS, ELECTRONIC |
SYSTEMS DIV., L. G. HANSCOM FIELD, BEDFORD, |
MASS. |
SYSTEM IMPLEMENTATION TEST METHODS FOR THE
WIDEBAND TRANSMISSION SUBSYSTEM.# VOLUME 1.
68 01218 NAT U

DERGUSHEN, J. P. |
GOODYEAR 3041 FORGED TITANIUM WHEEL
ASSEMBLY 9550162.# FINAL ENGINEERING REPORT.
68 01048 NAT U

DERUSE, C. L. |
BALLISTIC-RANGE TESTS OF A
DRAWING CONFIGURATION AT RACH
NUMBERS AROUND TWO.#
68 00310 NAT U

DEROUVILLE, M. |
INVESTIGATION OF PYROTECHNIC GENERATED
GAS DISCHARGE FIRE EXTINGUISHING SYSTEM.#
FINAL REPORT.
68 01270 NAT U

DERVIN, W. M. |
RESEARCH STUDY FOR THE DESIGN OF A
PORTABLE VTOL PLAST CONTROLLING
PLATFORM.# FINAL REPORT.
68 00190 NAT U

DEVELOPMENT PLANNING ASSOCIATES, INC., SAN |
FRANCISCO, |
PROPOSED AIRPORT INDUSTRIAL PARK SAN
BERNARDINO, CALIF.#
68 01003 NAT U

DEVORE, S. |
AN ANALYSIS OF THE HELICOPTER HEIGHT
VELOCITY DIAGRAM INCLUDING A PRACTICAL METHOD
FOR ITS DETERMINATION.# FINAL REPORT.
68 00837 NAT U

DEKALF, D. J. |
FLIGHT INVESTIGATION TO DETERMINE THE EFFECT
OF LONGITUDINAL CHARACTERISTICS ON LOW-SPEED
STATIONARY OPERATION.#
68 00406 NAT U

DICKENS, F. D., MAJ. I
INVESTIGATION OF LEARNING CURVE AND LOST
ESTIMATION METHODS FOR CARGO AIRCRAFT. 8
RESEARCH PAPER.
68 00741 NAT U

DICKY, L. O. I
EXPLORATORY DEVELOPMENT PROGRAM TO
PROVE THE FEASIBILITY OF SOLID-STATE
SWITCHING FOR A COMPLEX ELECTRICAL CONTROL
NETWORK. 8
68 00108 NAT U

DICKY, M. L. I
WING. 8 VOLUME 1.
68 00883 NAT U

DICKINSON, S. O. I
LARGE-SCALE WIND-TUNNEL INVESTIGATION OF AN
AIRPLANE MODEL WITH A TILT WING OF ASPECT
RATIO 8.4, AND FOUR PROPELLERS, IN THE
PRESENCE OF A GROUND PLANE. 8
68 01085 NAT U

DIEBACH, G. F. I
DESIGN OF TWO ELECTROMAGNETIC
PUMPS. 8
68 00209 NAT U

DILLY, J. R. I
CIRCADIAN RHYTHMS AND THE EFFECTS OF
LONG-DISTANCE FLIGHTS. 8
68 01241 R NAT U

DILLE, J. R., M. D. I
THE TIME ZONE AND CIRCADIAN RHYTHMS IN
RELATION TO AIRCRAFT OCCUPANTS TAKING
LONG-DISTANCE FLIGHTS. 8
68 00631 R NAT U

DION, A. R. I
SURVEY OF SATELLITE COMMUNICATION
ANTENNAS. 8
68 00550 NAT U

DIXON /R./, SPEAS ASSOCIATES, INC., MINNESOTA, I
N. Y. I
COST-BENEFIT ANALYSIS FOR ALL-WEATHER
LANDING SYSTEM /AMLS/ CATEGORY II AND
III. 8 FINAL REPORT.
68 00071 NAT U

DUNN, A. M. I
HIGH TEMPERATURE THERMALLY STABLE
GREASES. 8 ANNUAL REPORT /1 FEBRUARY 1967 TO
1 FEBRUARY 1968/.
68 01210 NAT U

DUDCO, INC., BLANENBURG, N. J. I
EQUATIONS AND DIGITAL PROGRAM FOR ANALYSIS
OF HANDLING QUALITIES OF GENERAL AVIATION
AIRCRAFT IN THE NONLINEAR, SLOW FLIGHT
DOMAIN. 8
68 00828 NAT U

DUDCO, INC., BLANENBURG, N. J. I
STUDIES CONDUCTED TO DETERMINE THE
INFLUENCE OF ADVERSE SLOW FLIGHT RESPONSE
CHARACTERISTICS ON FLIGHT SAFETY. 8
TECHNICAL REPORT.
68 01183 R NAT U

DODGE, R. M. I
FORE-AND-AFT STIFFNESS CHARACTERISTICS
OF PNEUMATIC TIRES. 8
68 00041 NAT U

DOETSCH, I. K. M., PROF. DR. I
THE TIME-VECTOR METHOD FOR LATERAL STABILITY
INVESTIGATIONS. 8
68 00634 NAT U

DOMIN, J. S. I
PIR COST-ESTIMATING RELATIONSHIPS. 8
68 00444 NAT U

DOMMASCH, D. D. I
EQUATIONS AND DIGITAL PROGRAM FOR ANALYSIS
OF HANDLING QUALITIES OF GENERAL AVIATION
AIRCRAFT IN THE NONLINEAR, SLOW FLIGHT
DOMAIN. 8
68 00628 NAT U

DOMMASCH, D. D. I
STUDIES CONDUCTED TO DETERMINE THE
INFLUENCE OF ADVERSE SLOW FLIGHT RESPONSE
CHARACTERISTICS ON FLIGHT SAFETY. 8
TECHNICAL REPORT.
68 01183 R NAT U

DOMAHUE, J. D. I
AIRCRAFT FUEL CELL EXPLOSION SUPPRESSION
SYSTEMS AND THEIR APPLICABILITY TO ARMY
AIRCRAFT. 8
68 00495 NAT U

DONALDSON, C. D. I
A STUDY OF THE MEAN AND TURBULENT STRUCTURE
OF A FREE JET AND JET IMPINGEMENT HEAT
TRANSFER. 8
68 00560 NAT U

DONATO, V. V. I
SUPERSONIC UNSTEADY AERODYNAMICS FOR
WINGS WITH TRAILING EDGE CONTROL SURFACES
AND FOLDED TIPS. 8 FINAL REPORT.
68 01486 NAT U

DOO, V. Y. I
INVESTIGATION OF REFRACTORY DIELECTRICS
FOR INTEGRATED CIRCUITS. 8
68 00626 NAT U

DOO, V. Y. I
INVESTIGATION OF REFRACTORY DIELECTRICS FOR
INTEGRATED CIRCUITS. 8
68 01083 NAT U

DORNE AND HANGLIN, INC., BOWENIA, N. Y. I
CRAB ANGLE SENSING SYSTEM. 8
68 00434 U

DOUGHERTY, F. J., JR. I
FUNGUS RESISTANCE OF VINYL POLYMER
INSULATING CABLE COVERINGS. 8
TECHNICAL RESEARCH REPORT.
68 00909 NAT U

DOUGLAS AIRCRAFT CO., HUNTINGTON BEACH, CALIF. I
FLOW OF SCIENTIFIC AND TECHNICAL
INFORMATION/ THE RESULTS OF A RECENT
MAJOR INVESTIGATION. 8
68 00034 NAT U

DOUGLAS AIRCRAFT CO., INC. |
AN APPRAISAL OF THE STRUCTURAL LOADS
PROGRAM OF THE SIX-DEGREE-OF-FREEDOM FLIGHT-
PATH COMPUTER PROGRAM.#
68 00380 NAT U

DOUGLAS AIRCRAFT CO., INC. AIRCRAFT DIV., LONG
BEACH, CALIF. |
PREDICTIVE MAINTENANCE FORUM
HOLD UP FORECASTABLE REALITY?#
68 00390 NAT U

DOUGLAS AIRCRAFT CO., INC. AIRCRAFT DIV., LONG
BEACH, CALIF. |
A STUDY OF TURBOFAN-ENGINE COMPRESSOR-
INDUCED SUPPRESSION TECHNIQUES.#
68 01422 NAT U

DOUGLAS AIRCRAFT CO., INC. MISSILE AND SPACE
SYSTEMS DIV., SANTA MONICA, CALIF. |
RANDOM AND CROSS-CORRELATION ANALYSIS OF
FLUCTUATING PRESSURES BENEATH A TURBULENT
BOUNDARY LAYER.#
68 00470 NAT U

DOUGLAS AIRCRAFT CO., INC., LONG BEACH, CALIF. |
SCATTER FACTORS AND DESIGN CHARTS.#
PART 1.
68 00187 NAT U

DOUGLAS AIRCRAFT CO., INC., LONG BEACH, CALIF. |
STRESS CORROSION SUSCEPTIBILITY OF WELDED
ALUMINUM ALLOYS.# FINAL REPORT /JULY 1966 TO
AUGUST 1967.#
68 01069 NAT U

DOUGLAS AIRCRAFT CO., INC., SANTA MONICA,
CALIF. |
ELECTRON FRACTOGRAPHY HANDBOOK SPECIFIC
APPLICATIONS OF ELECTRON FRACTOGRAPHY.#
68 00600 NAT U

DOUGLAS, C. A. |
PHOTOMETRIC EVALUATION OF A SOU-WATT
NIGHT VISION FLUOR LIGHT.#
68 00180 NAT U

DOUGLAS, C. A. |
INVESTIGATION OF THE DOWNWASH ENVIRONMENT
GENERATED BY VERTICAL AIRCRAFT OPERATING
IN GROUND EFFECT.# FINAL REPORT.
68 01499 NAT U

DOUGLAS, J. A. V. |
THE FIREBALL OF APRIL 23, 1966,
I. CANADIAN VISUAL OBSERVATIONS.#
REPRINT.
68 00031 NAT U

DOUG, M. |
EASTERN AIR LINES EAP - RELIABILITY
ENGINEERING ANALYSIS AND PLANNING PROGRAM.#
68 00421 U

DOUG, M. F. |
THE POTENTIALS OF COMPOSITE STRUCTURES IN
THE DESIGN OF AIRCRAFT.#
68 01086 NAT U

DOUGNEY, C. S. G. |
SELECTIVE DISSEMINATION OF INFORMATION IN
PRACTICE - SURVEY OF OPERATIONAL AND
EXPERIMENTAL SIG SYSTEMS.#
68 01236 NAT U

DOWNES, M. R. |
CHEMICALLY INDUCED IGNITION IN AIRCRAFT
AND SPACECRAFT ELECTRICAL CIRCUITRY BY
GLYCOL/WATER SOLUTIONS.#
68 00893 NAT U

DOYLE, T. |
THE TRANSMISSION OF INFRA-RED RADIATION IN
FOG AND ITS APPLICATION TO THE TELEVIEWER.#
68 00446 NAT U

DREMER, J. F. |
GROUND ACUSTICAL SURVEY OF THE KR-57F
AIRPLANE WITH TF-33-P-11A ENGINE.#
68 00592 NAT U

DRESSLER, K. |
ATMOSPHERIC SCATTERING OF SONIC-BOOM
INTENSITIES.# PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01052 NAT U

DRESSLER, K. F. |
AIRCRAFT LANDING SPEED AND ACCIDENT
CORRELATION.# MEMORANDUM.
68 00565 NAT U

DRESSLER, K. F. |
ATMOSPHERIC MAGNIFICATION OF SONIC BOOMS IN
THE OKLAHOMA TESTS.#
68 01391 NAT U

DRIDGE, G. |
PROJECT ECHO.#
68 00023 NAT U

DRISKO, K. W., PH.D. |
MEASUREMENT OF AIRFIELD MARKING PAINT
FLEXIBILITY.#
68 01104 NAT U

DRISKO, K. W., PH.D. |
MISCELLANEOUS FIELD EXPERIENCES WITH AIRFIELD
MARKING PAINTS.#
68 00559 NAT U

DRISKO, K. W., PH.D. |
AIRFIELD MARKING PAINTS-IV. EFFECT OF PAINT
FLEXIBILITY ON SLURRY-SEALED ASPHALT.#
68 00647 NAT U

DUGGAN, F. F., JR. |
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J. 19 APRIL - 1
MAY 1966.#
68 01380 NAT U

DUGOFF, M. |
A LABORATORY SCALE MODEL TECHNIQUE FOR
INVESTIGATING PNEUMATIC TIRE HYDROPLANING.#
68 00991 NAT U

DUJARDIN, E. L. |
TESTS ON ACFC VIDEOMETER IN FOG CHAMBER AT
UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA
U. S. A. FINAL REPORT.
68 00318 NAT U

DUNK, J. C.]
SURVEY OF FREQUENCY DOMAIN
SYNTHESIS TECHNIQUES BASED ON THE ROOTS
OF THE CHARACTERISTIC EQUATION.# PHASE I.
68 00155 NAT U

DUNKS, T. A.]
THE PRINCETON PENNSYLVANIA ARMY AVIONICS
RESEARCH PROGRAM.#
68 00503 NAT U

DUNLAP AND ASSOCIATES, INC., SANTA MONICA, CALIF.]
DEVELOPMENT AND TEST OF A TECHNIQUE FOR
ESTABLISHING PERSONNEL PERFORMANCE STANDARDS
/TEPPS/.# PHASE IV. FINAL REPORT.
68 00732 NAT U

DURAND, N. A.]
AN EXPERIMENTAL SIMULATION OF GUST EXCITATION
OF SUPERSONIC VEHICLES.#
68 00516 NAT U

DURBIN, L. J.]
THE PRINCETON PENNSYLVANIA ARMY AVIONICS
RESEARCH PROGRAM.#
68 00503 NAT U

DURNIN, R. E.]
PERFORMANCE FLIGHT TESTING THEORY.#
68 01173 NAT U

DURNIN, R. E.]
PERFORMANCE FLIGHT TEST TECHNIQUES.#
68 01174 NAT U

DURUP, F. C.]
THE DEVELOPMENT OF DYNAMIC TAXI DESIGN
PROCEDURES.# FINAL REPORT.
68 01245 R NAT U

DUVALL, G. S.]
PHYSICAL AND CHEMICAL PROPERTIES OF
JP-4 JET FUEL FOR 1966.#
68 00374 NAT U

DYDA, R. J.]
DYNAMIC-BASED SIMULATION TECHNIQUES.#
68 00777 NAT U

DYNASCIENCES CORP., BLUE HELL, PENNA.]
STABILITY AND CONTROL HANDBOOK FOR
HELICOPTERS.#
68 00539 NAT U

DYNASCIENCES CORP., BLUE HELL, PENNA.]
FAKICATION AND TESTING OF AN ACTIVE
ELECTROSTATIC DECHARGER SYSTEM FOR THE
UH-1H HELICOPTER.#
68 00784 NAT U

DYNASCIENCES CORP., BLUE HELL, PENNA.]
THEORETICAL AND EXPERIMENTAL INVESTIGATION
OF THE INSTANTANEOUS INDUCED VELOCITY FIELD IN
THE WAKE OF A LIFTING AIRCRAFT.#
68 00868 NAT U

DYNASCIENCES CORP., BLUE HELL, PENNA.]
INVESTIGATION OF THE DOWNWASH ENVIRONMENT
GENERATED BY VARIOUS AIRCRAFT OPERATING
IN WINDING EFFECTS. FINAL REPORT.
68 00474 NAT U

DYNES, M. E.]
GUST EFFECTIVENESS METHODOLOGY. PART I
OUTLINES FOR SYSTEM LIFE - CYCLE COSTING.
FINAL REPORT.
68 01491 NAT U

DYER, R. E.]
VISUAL DETECTION OF POSITIVE VS NEGATIVE
PIED ON A RADAR PPL.# TECHNICAL MEMORANDUM
68 01092 NAT U

EAPEN, T. D.]
STRUCTURAL ANALYSIS OF A CANTILEVERED
BEAM.#
68 01113 NAT U

EAST, C. E.]
COMPUTED MEASUREMENTS OF SKIN FRICTION ON
A LARGE SCALE MODEL STEADY WIND.#
68 00485 NAT U

ECHEVERRIA, MIAMI, FLA.]
ASTRONAUTS' VIEWS RE: THE FUTURE OF
ENGINEERING ANALYSIS AND DESIGN. FINAL REPORT.
68 00421 NAT U

EBS MANAGEMENT CONSULTANTS, INC., WASHINGTON, D. C.]
METHODOLOGY FOR MEASUREMENT OF
TRANSPORTATION STRIKE IMPACT.#
68 01445 NAT U

EISEN, M. E.]
ARMY ADVANCED AFCS STUDY.# PHASE II.
FINAL REPORT. BOOK I.
68 00774 NAT U

EISEN, M. E.]
ARMY ADVANCED AFCS STUDY.# PHASE II.
FINAL REPORT. BOOK II.
68 00775 NAT U

ELKFOR, D. J.]
AIRCRAFT LOADING ACTIONS PROBLEMS-
PROCEEDINGS OF A SYMPOSIUM HELD AT
FARMBOROUGH, OCTOBER 28, 1966.# TECHNICAL
REPORT.
68 01396 NAT U

ELMSTEIN, M.]
PROCEEDINGS OF THE TECHNICAL EXCHANGE
CONFERENCE, FORT MONMOUTH, N. J. 19 APRIL - 1
MAY 1968.#
68 01380 NAT U

EDEN, J. J.]
THE SCIENCE OF EQUIPMENT USAGE.# PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 26-29, 1964.
68 01045 NAT U

EDEN, P. A.]
AN AIRPLANE-MOUNTED SYSTEM FOR SENSING
AND RECORDING RADIO.#
68 00462 NAT U

EDGANTON, GERMESHAUSEN AND LATER, INC., LAST
VEGA, N.Y.]
SUPERCONDUCTING HIGH VOLTAGE DELAY
LINE.#
68 00051 NAT U

- EDUCATIONAL RESEARCH CORP., CAMBRIDGE, MASS. |
INTERNATIONAL LANGUAGE FOR AVIATION
INSTRUMENT FLIGHT.#
68 00038 NAT U
- EDUCATIONAL RESEARCH CORP., CAMBRIDGE, MASS. |
INTERNATIONAL LANGUAGE FOR AVIATION -
INSTRUMENT FLIGHT.#
68 01178 NAT U
- EDWARDS, T. I. |
EVALUATION OF HIGH-SPEED TELEPRINTER
EQUIPMENT.# INTERIM REPORT.
68 01150 NAT U
- EDWARDS, W. H. |
PROCEEDINGS OF THE U. S. NAT. CONFERENCE
ON PROBLEMS IN SEALING AIRCRAFT FLUID
AND HYDRAULIC SYSTEMS.#
68 00055 NAT U
- EDWARDS, W. H. |
THE FIFTEENTH MEETING OF INTERNATIONAL
STANDARDIZATION ORGANIZATION TECHNICAL
COMMITTEE 45-NUDDER.# MILAN, SEPTEMBER, 1967.
68 00061 NAT U
- EDWARDS, W. T. |
TACAN ANTENNA TECHNIQUES.# FINAL
REPORT 77 DECEMBER 1965 TO DECEMBER 1966/.
68 00001 NAT U
- EGGSPUCHER, J. J. |
STUDY TO DETERMINE THE FLIGHT PROFILE AND
MISSION OF THE CERTIFICATED PRIVATE PILOT.#
68 01354 NAT U
- EHRENSPECK, H. H. |
HIGH-GAIN UHF BACKFIRE ANTENNA
FOR COMMUNICATIONS, TELEMETRY, AND
RADIO ASTRONOMY.#
68 00388 NAT U
- EHRLICH, I. H. |
A LABORATORY SCALE MODEL TECHNIQUE FOR
INVESTIGATING PNEUMATIC TIRE HYDROPLANING.#
68 00991 NAT U
- EISENBERG, M. L. |
INTERIM REPORT OF PRECIPITATION
EFFECTS ON OMEGA AIRCRAFT RECEIVERS.#
68 00293 NAT U
- ELAM, C. B. |
A STUDY OF THE VALIDITY OF GROUND-BASED
SIMULATION TECHNIQUES FOR THE UH-1B
HELICOPTER.# FINAL TECHNICAL REPORT.
68 01126 NAT U
- ELDER, R. R., JR. |
A LITERATURE SURVEY - HOW THE DEFENSE
DEPARTMENT AWARD CONTRACTS AND GRANTS FOR
BASIC RESEARCH.#
68 00727 NAT U
- ELECTRONIC COMMUNICATION, INC. RESEARCH DIV. |
TIREMUM, NO. 1
TECHNIQUE FOR MEASURING RADIATION
PATTERNS OF ARRAY ANTENNAS.#
68 00953 NAT U
- ELECTRONIC DEFENSE LABS., MOUNTAIN VIEW, |
CALIF. |
DEVELOPMENT OF A FORM/FIBERGLAS,
VHF 750-800 MC/ DOUBLY RIDGED, LENS-CORRECTED
HORN ANTENNA.#
68 00702 NAT U
- ELECTRONIC SPECIALTY CO., LOS ANGELES. |
TACAN ANTENNA TECHNIQUES.# FINAL REPORT.
68 01060 NAT U
- ELECTRONIC SYSTEMS DIV., L. G. HANSCOM FIELD, |
BEDFORD, MASS. |
ELECTRONIC SYSTEMS DIVISION HANDBOOK FOR
SCIENTIFIC AND TECHNICAL INFORMATION
75TINP07.#
68 01099 NAT U
- ELECTRONIC SYSTEMS DIV., L. G. HANSCOM FIELD, |
BEDFORD, MASS. |
IMPLEMENTATION TEST METHODS FOR THE
LONG DISTANCE TERMINAL SUBSYSTEM.#
VOLUME III.
68 01149 NAT U
- ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. |
PRESENT AND FUTURE STATE OF THE
ART IN GUIDANCE COMPUTER MEMORIES.#
68 00098 NAT U
- ELIAS, I. |
A STUDY OF TURBOFAN-ENGINE COMPRESSOR-
NOISE-SUPPRESSION TECHNIQUES.#
68 01422 NAT U
- ELKIND, J. I. |
STUDIES OF MULTIVARIABLE MANUAL
CONTROL SYSTEMS.#
68 00095 NAT U
- ELKIND, J. I. |
AN OPTIMAL CONTROL METHOD FOR PREDICTING
CONTROL CHARACTERISTICS AND DISPLAY
REQUIREMENTS OF MANNED-VEHICLE SYSTEMS.#
FINAL REPORT 71 JULY 1966 TO 31 AUGUST 1967/.
68 01334 NAT U
- ELKIND, J. I. |
ADAPTIVE CHARACTERISTICS OF THE HUMAN
CONTROLLER OF TIME-VARYING SYSTEMS.#
68 00618 NAT U
- EMERY, J. H. |
A STUDY OF THE VALIDITY OF GROUND-BASED
SIMULATION TECHNIQUES FOR THE UH-1B
HELICOPTER.# FINAL TECHNICAL REPORT.
68 01126 NAT U
- ENDLICH, R. H. |
FORECASTING CLEAR-AIR TURBULENCE BY
COMPUTER TECHNIQUES.#
68 00423 U
- ENDLICH, R. H. |
OBJECTIVE ANALYSIS AND FORECASTING OF
CLEAR-AIR TURBULENCE.# FINAL REPORT.
68 01206 NAT U
- ENELAND, R. T. |
EVALUATION OF NOISE PROBLEMS
ANTICIPATED WITH FUTURE VTOL AIRCRAFT.#
68 00124 NAT U

- ENGLISH, N. A.:
AN ANALYSIS OF THE AN/FPS-16-ROSE SYSTEM. #
68 01102 NAT U
- ENGLETT, A. J.:
DISCLOSURES ON MAGNETIC TAPE HANDLER
FOCUS DETECTOR, MULTI-PEN RECORDER, SIGNAL
AVERAGING FILTER, ELECTROSTATIC PM, VOLTMETER,
BACK-UP RING FOR D-RINGS, AND LOW TEMPERATURE
SOLID STATE THERMISTERS. #
68 00234 NAT U
- ENGLETT, A. J.:
DISCLOSURES ON - AUTOSORT-AN
AUTOMATIC COLLATING AND SORTING MACHINE,
OPTICAL HETERODYNE REFERENCE METER, LIQUID
MIXING PUMP, STABLE WIDEBAND RELAXATION
OSCILLATOR USING THREE INVERTING AMPLIFIERS,
AND SECT BELT WEBBING ABRASION RESISTANCE
TESTING MACHINE. #
68 00243 NAT U
- ENRIKIN, H.:
EVALUATION OF THE ATLANTIC CITY MESONET
FOR SHORT RANGE PREDICTION OF AVIATION
TERMINAL WEATHER. # FINAL REPORT.
68 01353 NAT U
- ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION-
WEATHER BUREAU, TEST AND EVALUATION LAB. #
ATLANTIC CITY. #
TEST USE OF MESONET DATA IN
MANUAL FORECAST PREPARATION. #
FINAL REPORT.
68 00312 NAT U
- EPSTEIN, D.:
STATISTICAL DEVELOPMENTS IN LIFE TESTING. #
68 00703 NAT U
- EPSTEIN, D.:
THE EXPONENTIAL DISTRIBUTION AND ITS ROLE
IN LIFE TESTING. # TECHNICAL REPORT.
68 00704 NAT U
- ERDUGAN, F.:
CRACK PROPAGATION THEORIES. #
68 00022 NAT U
- ERIKH, M. U.:
HAULING FREIGHT IN CONTAINERS AND
PACKAGES. #
68 00007 NAT U
- ESL RESEARCH AND ENGINEERING CO., LINDEN, N.J.:
INVESTIGATION AND ANALYSIS OF AIRCRAFT
FUEL EMULSION. #
68 00741 NAT U
- ETHEL CORP., FARMVILLE, NICH.:
JET FUEL DECONTAMINATION STUDIES. #
68 00161 NAT U
- ETIENNE, M. E.:
TESTS ON ACCE VIDEO METER IN FOG CHAMBER AT
UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA
U. S. A. # FINAL REPORT.
68 00314 NAT U
- ETTEL, M. J.:
NUMERICAL FORECASTING OF CLEAR AIR
TURBULENCE. #
68 00294 NAT U
- EUGENE, J.:
THE DESIGN DEPARTMENT AND THE PROBLEM OF
FATIGUE RELIABILITY. # PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
14-28, 1964.
68 01045 NAT U
- EUROPEAN ATOMIC ENERGY COMMUNITY. #
THE COMPILER LANGUAGE PROGRAMMING
MANUAL. # VOLUME II.
68 00213 NAT U
- EUROPEAN ATOMIC ENERGY COMMUNITY. #
THE COMPILER PROGRAM DESCRIPTION
68 00214 NAT U
- EUROPEAN ATOMIC ENERGY COMMUNITY. #
THE SIMULATOR PROGRAM. # VOLUME III.
68 00215 NAT U
- EVANS, M. A.:
THE EFFECT OF COMBINED BOUNDARY LAYER
SOLUTION AND BASE BLEED ON THE STAG 3.4
DEGREE CONE AT M=2.58. # TECHNICAL REPORT.
68 01399 NAT U
- EVANS, M. E.:
STRESS CORROSION AND FATIGUE TESTS ON
7001-T75 ALUMINUM ALLOY. #
68 00619 NAT U
- EVEREST, F. K., JR.:
USAF-INDUSTRY LIFE SUPPORT
CONFERENCE, NOVEMBER 28-DECEMBER 1, 1967.
68 01531 NAT U
- EYRE, R. C. M.:
LOW SPEED WIND TUNNEL TESTS ON AN A. R. #
SWEPT WING SUBSONIC TRANSPORT RESEARCH MODEL
WITH M. L. C. BLOWING OVER NOSE AND REAR
FLAPS FOR HIGH-LIFT. #
68 00176 NAT U
- FAGEN, C. M.:
EVALUATION OF LAMINATED ELASTOMERIC
BEARINGS IN THE UH-1 HELICOPTER TAIL
ROTOR. #
68 00333 NAT U
- FATCHELD MILLER CORP., FARMINGDALE, N. Y.:
RESEARCH STUDY FOR THE DESIGN OF A
PORTABLE VTOL BLAST CONTROLLING
PLATFORM. # FINAL REPORT.
68 00190 NAT U
- FAISON, M.:
ALTERNATIVE APPROACHES FOR REDUCING
DELAYS IN TERMINAL AREAS. #
68 00185 NAT U
- FAITH, R. L.:
SIMULATION OF HELICOPTER AND V/STOL
AIRCRAFT VOLUME VI, XC-142 ANALOG COMPUTER
PROGRAM STUDY - XC-142A SIMULATION EQUATIONS
MECHANIZATION. # FINAL REPORT.
68 01103 NAT U
- FALB, P. L.:
AN OPTIMAL CONTROL METHOD FOR PREDICTING
CONTROL CHARACTERISTICS AND DISPLAY
REQUIREMENTS OF MANNEQ-VEHICLE SYSTEMS. #
FINAL REPORT 71 JULY 1966 TO 31 AUGUST 1967.
68 01334 NAT U

- FALCON RESEARCH AND DEVELOPMENT CO., DENVER. |
AIRCRAFT FUEL CELL EXPLOSION SUPPRESSION
SYSTEMS AND THEIR APPLICABILITY TO ARMY
AIRCRAFT. #
68 00495 NAT U
- FALCON RESEARCH AND DEVELOPMENT CO., DENVER. |
A VULNERABILITY EVALUATION OF EMULSIFIED
FUELS FOR USE IN ARMY AIRCRAFT. # FINAL
TECHNICAL REPORT. #
68 01248 NAT U
- FALKNER, V. L. |
PILOT-IN-THE-LOOP SIMULATION STUDY OF
DIRECT LIFT CONTROL. # VOLUME II, FINAL REPORT
/MARCH 1967 TO FEBRUARY 1968/.
68 01203 NAT U
- FALKNER, V. L. |
A DIRECT LIFT CONTROL SYSTEM FOR FLIGHT
TEST IN THE F-104. # VOLUME III, FINAL REPORT
/MARCH 1967 TO FEBRUARY 1968/.
68 01264 NAT U
- FALKNER, V. L. |
PRELIMINARY DESIGN OF DIRECT LIFT
CONTROLS. # VOLUME I. #
68 01266 NAT U
- FARRELL, J. |
PROCEDURES FOR ESTIMATING THE EFFECTS OF
DESIGN AND OPERATIONAL CHARACTERISTICS OF JET
AIRCRAFT ON GROUND NOISE. #
68 01424 NAT U
- FAST, T. N. |
CARDIAC OUTPUT AND REGIONAL BLOOD FLOW IN
CONSCIOUS RATS EXPOSED TO ACUTE HYPOXIA. #
68 00957 NAT U
- FEDERAL AVIATION ADMINISTRATION, AERONAUTICAL |
CENTER, OKLAHOMA CITY. |
AN INVESTIGATION AND DEVELOPMENT OF
AN H80E-4 QUICK RECOVERY MODIFICATION. #
FINAL REPORT. #
68 00182 R NAT U
- FEDERAL AVIATION ADMINISTRATION, AERONAUTICAL |
CENTER, OKLAHOMA CITY. |
MAINTAINABILITY AND RELIABILITY OF
AIRCRAFT SYSTEMS. #
68 00348 R NAT U
- FEDERAL AVIATION ADMINISTRATION, AIR TRAFFIC |
SERVICE, WASHINGTON, D. C. |
EN ROUTE IFR AIR TRAFFIC RELATIONSHIPS. #
68 00459 R NAT U
- FEDERAL AVIATION ADMINISTRATION, AIRCRAFT |
DEVELOPMENT SERVICE, WASHINGTON, D. C. |
EXPERIMENTAL STUDY OF TRIGGERED
NATURAL LIGHTNING DISCHARGES. # FINAL
REPORT. #
68 00072 NAT U
- FEDERAL AVIATION ADMINISTRATION, AIRCRAFT |
DEVELOPMENT SERVICE, WASHINGTON, D. C. |
TECHNIQUE FOR DEVELOPING NOISE EXPOSURE
FORECASTS FOR J. F. KENNEDY
INTERNATIONAL AIRPORT. #
68 00196 NAT U
- FEDERAL AVIATION ADMINISTRATION, AIRCRAFT |
DEVELOPMENT SERVICE, WASHINGTON, D. C. |
STUDIES CONDUCTED TO DETERMINE THE
INFLUENCE OF ADVERSE SLOW FLIGHT RESPONSE
CHARACTERISTICS ON FLIGHT SAFETY. #
TECHNICAL REPORT. #
68 01183 R NAT U
- FEDERAL AVIATION ADMINISTRATION, AIRCRAFT |
DEVELOPMENT SERVICE, WASHINGTON, D. C. |
DEVELOPMENT OF AN ENGINE-POWERED LIQUID
DISPENSAL SYSTEM FOR AGRICULTURAL AIRCRAFT. #
68 01193 R NAT U
- FEDERAL AVIATION ADMINISTRATION, AIRCRAFT |
DEVELOPMENT SERVICE, WASHINGTON, D. C. |
THE DEVELOPMENT OF DYNAMIC TAXI DESIGN
PROCEDURES. # FINAL REPORT. #
68 01245 R NAT U
- FEDERAL AVIATION ADMINISTRATION, AIRCRAFT |
DEVELOPMENT SERVICE, WASHINGTON, D. C. |
STUDY TO DETERMINE THE FLIGHT PROFILE AND
MISSION OF THE CERTIFICATED PRIVATE PILOT. #
68 01354 R NAT U
- FEDERAL AVIATION ADMINISTRATION, CIVIL |
AEROMEDICAL INST., OKLAHOMA CITY. |
EYE-MOVEMENT AND SUBJECTIVE TURNING
RESPONSES TO VARIED DURATIONS OF ANGULAR
ACCELERATION. # PART VI. #
68 00695 NAT U
- FEDERAL AVIATION ADMINISTRATION, CIVIL |
AEROMEDICAL INST., OKLAHOMA CITY. |
IN-FLIGHT PHYSIOLOGICAL MONITORING OF
STUDENT PILOTS. #
68 00696 R NAT U
- FEDERAL AVIATION ADMINISTRATION, CIVIL |
AEROMEDICAL INST., OKLAHOMA CITY. |
EVALUATION OF A BIODEGRADABLE TURBINE-FUEL
ADDITIVE. #
68 00697 R NAT U
- FEDERAL AVIATION ADMINISTRATION, CIVIL |
AEROMEDICAL INST., OKLAHOMA CITY. |
REACTION TIME AS A FUNCTION OF FLASH
LUMINANCE AND DURATION. #
68 00698 R NAT U
- FEDERAL AVIATION ADMINISTRATION, CIVIL |
AEROMEDICAL RESEARCH INST., OKLAHOMA CITY. |
RESPONSES FROM THE LATERAL AND THE VERTICAL
CANALS TO TWO STIMULUS DIRECTION. # VOLUME I. #
68 00946 R NAT U
- FEDERAL AVIATION ADMINISTRATION, CIVIL |
AEROMEDICAL RESEARCH INST., OKLAHOMA CITY. |
RESPONSES TO LATERAL CANAL STIMULI OF
VARIOUS ACCELERATIONS. # VOLUME II. #
68 00947 R NAT U
- FEDERAL AVIATION ADMINISTRATION, FLIGHT |
STANDARDS SERVICE, WASHINGTON, D. C. |
FAA DEVELOPMENTS RELATIVE TO DESIGN OF NEW
AIRCRAFT SYSTEMS. #
68 00430 U
- FEDERAL AVIATION ADMINISTRATION, FLIGHT |
STANDARDS SERVICE, WASHINGTON, D. C. |
PHILOSOPHY ON EVALUATION OF MAINTENANCE
PROGRAMS FOR NEW AIRCRAFT. #
68 00431 U

FEDERAL AVIATION ADMINISTRATION, FLIGHT
STANDARDS SERVICE, WASHINGTON, D. C. |
MAINTAINABILITY CONCEPT DEVELOPMENTS FOR
CATEGORY II LANDING SYSTEMS.0
68 00432 U

FEDERAL AVIATION ADMINISTRATION, FLIGHT
STANDARDS SERVICE, WASHINGTON, D. C. |
GENERAL AVIATION PILOT EDUCATION PROGRAM.0
FINAL REPORT.
68 01175 R NAT U

FEDERAL AVIATION ADMINISTRATION, FLIGHT
STANDARDS SERVICE, WASHINGTON, D. C. |
PROCEDURE TURN COMPLETION DISTANCE.0
PROJECT REPORT.
68 01244 R NAT U

FEDERAL AVIATION ADMINISTRATION, FLIGHT
STANDARDS SERVICE, WASHINGTON, D. C. |
SYMPOSIUM ON CRASHWORTHINESS AND PASSENGER
EVALUATION, TRANSPORT CATEGORY AIRCRAFT,
DECEMBER 11-14, 1967.0
68 01339 NAT U

FEDERAL AVIATION ADMINISTRATION, FLIGHT
STANDARDS SERVICE, WASHINGTON, D. C. |
EVALUATION OF HELICOPTER STEEP SLOPE GCA
OPERATIONS.0
68 01472 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
FLIGHT SIMULATION STUDY OF AIR-TO-AIR
RANGING DISPLAYS FOR SEPARATION ASSURANCE.0
INTERIM REPORT.
68 00567 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, TEST |
AND EVALUATION DIV., ATLANTIC CITY. |
WEATHER EFFECTS ON VORTAC FACILITIES
TACAN MONITOR ANTENNA TESTS.0 FINAL
REPORT.
68 00102 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, TEST |
AND EVALUATION DIV., ATLANTIC CITY. |
AIC CONCEPTS FOR SUPERSONIC VELOCITY.0
PART 1-2, INTERIM REPORT.
68 00161 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, TEST |
AND EVALUATION DIV., ATLANTIC CITY. |
FIELD APPRAISAL OF THE ADVANCED
RADAR TRAFFIC CONTROL SYSTEM (ARTS).0
APPENDIX TO THE FINAL REPORT.
68 00313 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
EVALUATE CIVIL USE INTERFERENCES
ON 1540 MHz V CHANNELS OPERATION.0
68 00073 NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
ANALYSIS OF JIFFE EMI SUPPRESSION
CAPABILITIES AT JOINT-USE RADAR BEACON
SITES.0 FINAL REPORT.
68 00077 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
FIELD APPRAISAL OF THE ADVANCED RADAR
TRAFFIC CONTROL SYSTEM (ARTS).0 FINAL REPORT
68 00314 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
EVALUATION OF ECONOMICAL VISUAL
APPROACH INDICATORS.0 FINAL REPORT
68 00440 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
WEATHER EFFECTS ON VORTAC FACILITIES
VOR MONITOR DETECTOR TESTS.0
68 00347 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
R/T/FM BROADCAST INTERFERENCE.0
FINAL REPORT.
68 00517 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
SIMULATION AND ANALYSIS OF OVER-OCEAN
SEPARATION ASSURANCE PROCEDURES AND DISPLAYS.0
FINAL REPORT.
68 00568 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
TEST AND EXPERIMENTATION WITH DIGITAL WIND
DEVICES.0 FINAL REPORT.
68 00699 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
INVESTIGATION OF TURBOPROP ENGINE
CHARACTERISTICS DURING WIND INGESTION.0
FINAL REPORT.
68 00223 NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
NIRBUS II VHF MULTIPATH INVESTIGATIONS.0
FINAL REPORT.
68 00436 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
AN ANALYSIS OF THE HELICOPTER HEIGHT
VELOCITY DIAGRAM INCLUDING A PRACTICAL METHOD
FOR ITS DETERMINATION.0 FINAL REPORT.
68 00827 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER, |
ATLANTIC CITY. |
VTOL AND STOL SIMULATION STUDY.0 FINAL
REPORT.
68 00983 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
INVESTIGATION AND EVALUATION OF ASR/ARSR
PERFORMANCE MONITOR.0 FINAL REPORT.
68 01181 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
AN EXPLORATORY TEST OF DATA TRANSFER BY
VHF TO AIRCRAFT OVER THE OCEAN IN A
TROPOSPHERIC PROPAGATION ENVIRONMENT.0
INTERIM REPORT.
68 01185 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
DEVELOPMENT AND APPLICATION OF A TERMINAL
SPACING SYSTEM.0 FINAL REPORT.
68 01197 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
DISPLAY OF WEATHER CONTOURS.0 INTERIM
REPORT.
68 01237 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
AN EVALUATION OF AN ALL-WEATHER LANDING
PANEL DISPLAY.0 FINAL REPORT.
68 01240 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
FLAMING AND SELF-EXTINGUISHING
CHARACTERISTICS OF AIRCRAFT CABIN INTERIOR
MATERIALS.0 FINAL REPORT.
68 01243 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
EVALUATION OF AUTOMATED TRACON FUNCTIONS.0
FINAL REPORT.
68 01341 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
FLOW CONTROL-- AN INVESTIGATION OF A
TECHNIQUE FOR PREDICTING DEMAND AND SERVICE
AT THE TERMINAL FACILITY.0 FINAL REPORT.
68 01349 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
EVALUATION OF HIGH-SPEED TELEPRINTER
EQUIPMENT.0 INTERIM REPORT.
68 01350 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
TESTING HUMANOID CHEMICAL DE-ICER
10-13528.0 INTERIM REPORT.
68 01358 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
LOW-COST RUNWAY GUIDANCE /VOPLOC 117.0
FINAL REPORT.
68 01359 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
VTOL AND STOL SIMULATION STUDY.0 FINAL
REPORT.
68 01362 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
METALLURGICAL EVALUATION OF AIRCRAFT
EXHAUST SYSTEM COMPONENTS FAILED DURING
GROUND TEST PROGRAM.0 FINAL REPORT.
68 01363 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
RECIPROCATING ENGINE AND EXHAUST VIBRATION
AND TEMPERATURE LEVELS IN GENERAL AVIATION
AIRCRAFT.0 FINAL REPORT.
68 01364 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
PRELIMINARY INVESTIGATION OF THE NAS STAGE
A BACKUP CHANNEL AS RELATED TO THE RESOLUTION
AND DETECTION OF AIRCRAFT.0 FINAL REPORT.
68 01469 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
EVALUATION OF A PICTORIAL TURN AND BANK
INDICATOR.0
68 01471 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
LIGHTING AND MARKING OF OBSTRUCTIONS
TO AIR NAVIGATION.0 FINAL REPORT.
68 01479 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
FRICTION EFFECTS OF RUNWAY GROOVES,
RUNWAY 10-30 WASHINGTON NATIONAL AIRPORT.0
FINAL REPORT.
68 01515 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
EVALUATION OF EXPERIMENTAL FLIGHT
DATA RECORDERS IN AN AIRCRAFT CRASH
ENVIRONMENT.0 FINAL REPORT.
68 01517 R NAT U

FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY. |
EVALUATION OF UTILITY OF ANNOTATED
WEATHER OUTLINES.0
68 01518 R NAT U

AUTHOR INDEX

04/610 1

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY. |
CIRCADIAN RHYTHMS AND THE EFFECTS OF
LONG-DISTANCE FLIGHTS. |
68 01241 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY. |
THE EFFECTS OF BODY TEMPERAL STATE ON
MANUAL PERFORMANCE. |
68 01473 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY. |
A RETROSPECTIVE ANALYSIS OF AEROMEDICAL
CERTIFICATION MEDICAL ACTIONS. | JANUARY 1961 -
DECEMBER 1967. |
68 01474 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY. |
IMPACT INJURIES IN PREGNANCY. EXPERIMENTAL
STUDIES. | NUMBER 1. |
68 01475 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY. |
CONTRIBUTION OF ACTIVITY TO THE CIRCADIAN
RHYTHM IN EXCRETION OF MAGNESIUM AND
CALCIUM. |
68 01476 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY. |
INFLUENCE OF HEAD POSITION ON THE
OF VERTICAL NYSTAGMUS. | NUMBER IX. |
68 01477 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY. |
USAGE OF COMBINED AIRMAN
CERTIFICATION BY ACTIVE AIRMEN - AN ACTIVE
AIRMAN POPULATION ESTIMATE. |
68 01525 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY. |
INFLUENCE OF HEAD POSITION ON THE
HABITUATION OF VERTICAL NYSTAGMUS. | PART IX. |
68 01526 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, WASHINGTON, D. C. |
THE BIOPHYSICAL BASIS AND CLINICAL
APPLICATIONS OF HMOENORHAGOGRAPHY. |
68 01242 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
INTERNATIONAL AVIATION AFFAIRS, REGIONAL
AVIATION ASSISTANCE GROUP, REPUBLIC OF PANAMA. |
DOMINICAN REPUBLIC FIELD STUDY. |
68 01186 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
INTERNATIONAL AVIATION AFFAIRS, REGIONAL
AVIATION ASSISTANCE GROUP, REPUBLIC OF PANAMA. |
BRAZIL FLIGHT INSPECTION STUDY. |
68 01187 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
MANAGEMENT SYSTEMS, WASHINGTON, D. C. |
SCHEDULED INTERNATIONAL AIR CARRIER FLIGHT
ACTIVITY. |
68 01201 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
NOISE ABATEMENT, WASHINGTON, D. C. |
SUBJECTIVE EVALUATION OF GENERAL AVIATION
AIRCRAFT NOISE. | TECHNICAL REPORT. |
68 01356 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
NOISE ABATEMENT, WASHINGTON, D. C. |
AIRCRAFT NOISE CERTIFICATION RULE FOR
TRANSPORT CATEGORY AIRCRAFT. | PROJECT REPORT. |
68 01466 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
NOISE ABATEMENT, WASHINGTON, D. C. |
AIRCRAFT NOISE EVALUATION. |
68 01470 R NAT U

FEDERAL AVIATION ADMINISTRATION, OFFICE OF
SUPERSONIC TRANSPORT DEVELOPMENT, WASHINGTON, |
D. C. |
FUEL CONSIDERATIONS IN THE U. S. |
SUPERSONIC TRANSPORT PROGRAM. | PRESENTED TO
USAF JET FUEL QUALITY SYMPOSIUM,
SAN ANTONIO, TEXAS /OCTOBER 27-28, 1966. |
68 01527 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, ATLANTIC |
CITY. |
EVALUATION OF THE RAPPI/SCAN CONVERTER
INTEGRATED DISPLAY. |
68 00032 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON, |
D. C. |
COST BENEFIT ANALYSIS FOR ALL-WEATHER
LANDING SYSTEM /AWLS/ CATEGORY II AND
III. | FINAL REPORT. |
68 00071 NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON, |
D. C. |
ESTABLISHING CERTAIN PARAMETERS OF
HAZARDS TO AIRCRAFT BY MIGRATING BIRDS
IN THE MISSISSIPPI FLYWAY. |
INTERIM REPORT. |
68 00103 NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON, |
D. C. |
SEAL CONTROL, DISPLAY AND RECORDING
CONSOLE. | FINAL REPORT. |
68 00183 NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON, |
D. C. |
CONTROL BIRDS ON AND AROUND AIRPORTS. |
INTERIM REPORT. |
68 00184 NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON, |
D. C. |
ALTERNATIVE APPROACHES FOR REDUCING
DELAYS IN TERMINAL AREAS. |
68 00185 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
PREDICTING CLEAR-AIR TURBULENCE BY
COMPUTER TECHNIQUES.0
68 00433 U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
DEVELOPMENT OF AIRLINE-TYPE PRECISION VOR
RECEIVER SYSTEM, PVR /M2.0 FINAL REPORT.
68 00445 U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
INVESTIGATION AND DEVELOPMENT OF
MODIFICATIONS TO RESOLVE AIRBORNE/GROUND
GUIDEPATH TRACKING PROBLEMS.0
68 00482 NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
TESTS ON ACCEL VIDEOMETER IN FOG CHAMBER AT
UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA
U. S. A.0 FINAL REPORT.
68 00518 NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
PHYSICAL VULNERABILITY OF AIR TRAFFIC
CONTROL AND NAVIGATIONAL AID FACILITIES.0
68 00700 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
FAA/DOD AIRS DIRECT ALTITUDE AND IDENTITY
READOUT (DAIR) EQUIPMENT.0 STATUS SUMMARY.
68 00786 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
EFFECTS OF FAILURE TYPE, FAILURE ALTITUDE
AND AN EXPERIMENTAL PITCH TRIM AUGMENTATION
UPON MANDATORY GO-AROUND PERFORMANCE.0
PHASE IV, FINAL REPORT.
68 01180 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
EVALUATION OF FLIGHT DIRECTOR ELEMENTS-
RISING RUNWAY, EXPANDED LOCALIZER, AND ROLLOUT
STEERING-DURING SIMULATED CATEGORY III-C
MANUAL AND SPLIT-AXIS LANDINGS.0 PHASE II,
FINAL REPORT.
68 01182 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
PILOT FAILURE DETECTION PERFORMANCE WITH
THREE LEVELS OF FAULT WARNING INFORMATION.0
PHASE I, FINAL REPORT.
68 01164 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
DEVELOPMENT OF TRANSMISSOMETER CALIBRATION
TECHNIQUES AND DEVICES.0 PHASE I, INTERIM
REPORT.
68 01198 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR OMEGA.0
68 01199 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
JET-FLIGHT EVALUATION OF INERTIAL
NAVIGATION OPERATIONS.0 VOLUME II,
68 01200 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
STUDY OF FUTURE OCEANIC AVIATION SUPPORT
SYSTEMS.0 FINAL REPORT.
68 01202 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
DEVELOPMENT OF LOCALIZER AND GLIDE SLOPE
CLEARANCE TRANSMITTERS.0 FINAL REPORT.
68 01238 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
JET-FLIGHT EVALUATION OF INERTIAL
NAVIGATION OPERATIONS.0 VOLUME I, FINAL
REPORT.
68 01348 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
GOALS, ACHIEVEMENTS, TRENDS.0
68 01352 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
EVALUATION OF THE ATLANTIC CITY MESONET
FOR SHORT RANGE PREDICTION OF AVIATION
TERMINAL WEATHER.0 FINAL REPORT.
68 01353 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR
OMEGA.0 VOLUME I, FINAL REPORT.
68 01355 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |
SUMMARY OF ALL WEATHER LANDING SIMULATION
STUDIES.0 FINAL REPORT.
68 01360 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

EFFECTS OF A 100-FOOT OPTION ALTITUDE
ROLL AND AN ANNUNCIATOR PANEL ON FAILURE
DETECTION, GO-AROUND DECISIONS AND LANDING
PERFORMANCE.0 THIRD IPI. FINAL REPORT.
68 01501 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

DISCUSSION OF ROCKET-BLADED SHIMPLERS
AND MERIAL DESIGN OF RUNWAYS.0 MEMORANDUM
REPORT.
68 01503 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

EMULC FREQUENCY INTERFERENCE AND
MEASUREMENT VEHICLE.0 SUMMARY REPORT.
68 01491 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

INVESTIGATION OF VARIOUS AVIATION
CONSTRUCTION MARKERS.0
68 01490 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

INVESTIGATION OF SUSPECTED STRUCTURAL
EFFICIENCIES, JACKSONVILLE AND OTHER AIR
ROUTE TRAFFIC CONTROL CENTER BUILDINGS.0
MEMORANDUM REPORT.
68 01457 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

CHARACTERIZATION OF AIR-TO-GROUND VHF AND
UHF PROPAGATION MEDIA.0 WORKING PAPER.
68 01466 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

AIRCRAFT WAKE TURBULENCE.0
68 01465 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

BEACON RANGE ALTITUDE MONITOR SYSTEM/
AIRBORNE.0 FINAL REPORT.
68 01468 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

DESIGN MODERNIZATION OF ARTCC POWER
DISTRIBUTION SYSTEM.0 FINAL REPORT.
68 01510 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

AN EVALUATION OF FORECASTS OF WIND,
TEMPERATURE AND THROUPOUSE PRESSURE OBTAINED
BY NUMERICAL METHODS.0 FINAL REPORT.
68 01520 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

TAXI SPEED AND DISTANCE INDICATOR.0
FINAL REPORT.
68 01521 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

COMPUTER/SIMULATION STUDY OF
AIR DERIVED SEPARATION ASSURANCE SYSTEMS IN
MULTIPLE AIRCRAFT ENVIRONMENT.0 THIRD INTERIM
REPORT.
68 01524 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,|
D. C. |

COST-EFFECTIVENESS ANALYSIS OF THE
AUTOMATION OF AIR TRAFFIC CONTROL FUNCTIONS
AT RADAR TERMINALS.0 INTERIM REPORT ON
COST-BENEFITS OF DATA.
68 01526 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT SERVICE,|
WASHINGTON, D. C. |

TEST USE OF MESONET DATA IN
MANUAL FORECAST PREPARATION.0
FINAL REPORT.
68 00312 NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT, WASHINGTON, D. C. |

AIR TRAFFIC CONTROL RADAR BEACON SYSTEM
(ATCRBS) MODE 3/A IDENTITY REPLY AND
EQUIVALENT MODE C ALTITUDE CODE.0 TECHNICAL
REPORT.
68 00767 R NAT U

FEDERAL AVIATION ADMINISTRATION, SYSTEMS|
RESEARCH AND DEVELOPMENT, WASHINGTON, D. C. |

A METHOD FOR ACHIEVING EQUIPMENT
RELIABILITY, MAINTAINABILITY AND LOGISTICS
SUPPORT.0 FINAL REPORT.
68 01678 R NAT U

FEDERAL AVIATION ADMINISTRATION, WESTERN|
REGIONAL OFFICE, LOS ANGELES, |

A STAFF STUDY OF AVIATION SYSTEMS
REQUIREMENTS, LOS ANGELES METROPOLITAN AREA.0
68 00831 R NAT U

FEDERAL AVIATION ADMINISTRATION, OKLAHOMA|
CITY, |

AN EVALUATION OF POTENTIAL DECOMPRESSION
HAZARDS IN SMALL PRESSURIZED AIRCRAFT.0
68 00258 R NAT U

FEDERAL AVIATION ADMINISTRATION, OKLAHOMA|
CITY, |

EVALUATION OF STALL BARRIER CONCEPT IN
T-34 AIRPLANE.0
68 00892 NAT U

FEDERAL AVIATION ADMINISTRATION, OKLAHOMA|
CITY, |

DEPUT MAINTENANCE ENGINEERING CONFERENCE,
OKLAHOMA CITY, OKLAHOMA, MARCH 27, 28, AND
29, 1962.0
68 00991 R NAT U

FEDERAL AVIATION ADMINISTRATION, OKLAHOMA CITY, 1
DEPUTY MAINTENANCE ENGINEERING CONFERENCE,
OKLAHOMA CITY, OKLAHOMA, MARCH 27, 28, AND
29, 1962.0
68 00982 NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
EFFECTS OF QUALITY PATCHING OF LOGGERS TO
BRIGHTNESS FOR FLASHES OF VARYING LUMINANCE
AND DURATION.0
68 00799 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
ULTRASOUND NON-DESTRUCTIVE TESTING.0
68 00939 NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
ENROUTE AIR TRAFFIC CONTROL.0
PHASE I - SOLID STATE.0
68 00674 NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
REVIEW OF LONG-TERM MEDICAL RESEARCH
ON AGING OF AVIATION PERSONNEL.0
68 00621 NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
A FUNCTIONAL COMPARISON OF IMPRESSION
OF BASIC RESTRAINT SYSTEMS IN AIRCRAFT.0
68 00251 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
PERFORMANCE CHARACTERISTICS OF
CONSTANT FLOW PHASE DILUTION - OXYGEN MASK
DESIGNS FOR GENERAL AVIATION.0
68 00652 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
PROBLEMS IN DEPTH PERCEPTION - A
METHOD OF SIMULATING OBJECTS MOVING IN
DEPTH.0
68 00453 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
DEVELOPMENT AND EVALUATION OF A RADAR
AIR TRAFFIC CONTROL RESEARCH TASK.0
68 00254 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
GROWTH OF NOISES FOR TONES AND
BANDS OF NOISE AT DIFFERENT FREQUENCIES.0
TECHNICAL REPORT.0
68 00315 NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
THE EFFECTS OF BACKGROUND NOISE UPON
PERCEIVED NOISENESS.0 TECHNICAL REPORT.0
68 00316 NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
AVIATION DEMAND AND AIRPORT FACILITY
REQUIREMENT FORECASTS FOR LARGE AIR
TRANSPORTATION HUBS THROUGH 1960.0
68 00345 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
NEW CONCEPTS FOR EMERGENCY EVACUATION OF
TRANSPORT AIRCRAFT FOLLOWING SURVIVABLE
ACCIDENTS.0
68 00481 NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
PROCEEDINGS OF A SYMPOSIUM, PILOT
WARNING INSTRUMENTS.0
68 00532 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
ADVANCED SCANNING BEAM GUIDANCE SYSTEM
FOR ALL WEATHER LANDING.0
68 00557 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
THE AIRCRAFT/AIRPORT NOISE PROBLEM AND
FEDERAL GOVERNMENT POLICY.0
68 00612 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
THE TIME ZONE AND CIRCADIAN RHYTHMS IN
RELATION TO AIRCRAFT OCCUPANTS TAKING
LONG-DISTANCE FLIGHTS.0
68 00631 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
TIME ZONE EFFECTS.0
68 00633 NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
AIR TRAFFIC PATTERNS FOR IFR AND VFR
AVIATION.0
68 00679 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
SCHEDULED AIR TAXI OPERATORS AS OF
OCTOBER 1967.0
68 00680 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
AIRMAIL IFR AND TRAFFIC SURVEY.0
68 00681 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
MILITARY AIR TRAFFIC ACTIVITY REPORT.0
68 00682 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, 1
D. C. 1
CLEAR AIR TURBULANCE.0
A BIBLIOGRAPHY. FINAL REPORT.0
68 00683 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 COST-EFFECTIVENESS ANALYSIS OF THE
 AUTOMATION OF AIR TRAFFIC CONTROL FUNCTIONS
 AT RADAR TERMINALS. #
 68 00710 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 AIR TRAFFIC CONTROL EVOLUTION. # REPRINTED
 FROM AVIATION WEATHER REVIEW GROUP. #
 1964. #
 68 00711 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 U. S. GENERAL AVIATION-BUSY HIGHWAY
 IN THE SKY. #
 68 00717 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 AVIATION WEATHER REVIEW GROUP. #
 FINAL REPORT. #
 68 00704 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 FAA AND THE EXPANDING AIRMAIL TRAFFIC. #
 STAFF STUDY. #
 68 00762 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 INDUSTRIAL AND COMMERCIAL PROFILE. #
 68 00781 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 TYPE A LAMAN CERTIFICATION AS RELATED TO
 ACCIDENTS. #
 68 00790 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 COE-ENHANCEMENT AS A FUNCTION OF TASK-SET. #
 68 00791 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 AIRCRAFT ACCIDENTS BY OLDER PERSONS. #
 68 00792 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 SCHEDULED AIR CARRIER FLIGHT ACTIVITY. #
 IN THE UNITED STATES, MAY 1967. #
 68 00804 NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 CONFERENCE ON FIRE SAFETY MEASURES FOR
 AIRCRAFT FUEL SYSTEMS. #
 68 00807 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 MEASUREMENTS OF LIGHTNING STROKES TO
 AIRCRAFT. #
 68 00814 NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 SONIC BOOM THEORY. # PRESENTED AT SHORT
 COURSE ON NOISE GENERATION AND SUPPRESSION IN
 AIRCRAFT UNIVERSITY OF TENNESSEE SPACE
 INSTITUTE TULLAHOMA, TENNESSEE. #
 68 00835 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 MILITARY AIR TRAFFIC ACTIVITY REPORT. #
 CALENDAR YEAR 1967. #
 68 01239 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 TELECOMMUNICATIONS IN TRANSPORTATION. #
 68 01337 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 AIRCRAFT NOISE CERTIFICATION ALTERNATIVES. #
 68 01336 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 SYSTEMS MAINTENANCE PROGRAM EVALUATION
 CONDUCTED IN THE SOUTHWEST REGION MARCH
 25-APRIL 12, 1968. #
 68 01340 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 TECHNICAL PAPERS PREPARED BY FAA FOR IATA
 AND ICAU MEETINGS, 1967. #
 68 01342 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 A PERFORMANCE ANALYSIS OF CIVIL AIR ROUTE
 SURVEILLANCE RADAR SYSTEM PERFORMANCE /RIS-SM-
 6340-UT/. #
 68 01343 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 MAINTENANCE COMMUNICATION SYSTEM
 JACKSONVILLE ARTCC. # FINAL REPORT. #
 68 01344 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 COMPARISONS BETWEEN SUBJECTIVE RATINGS ON
 AIRCRAFT NOISE AND VARIOUS OBJECTIVE MEASURES
 . #
 68 01346 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 AIR FORCE DEVELOPMENT TASK FORCE. #
 68 01357 R NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 FEDERAL AVIATION ADMINISTRATION/
 DEPARTMENT OF DEFENSE PRODUCTION COMMON
 DIGITIZER, AN/PYQ-67. #
 68 01435 NAT U

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C. |
 GOVERNMENT/INDUSTRY MEETING TO UPDATE SOT
 STANDARDS OCTOBER 1-3. # AGENDA. #
 68 01439 R NAT U

FEDERAL AVIATION AGENCY, WASHINGTON, D. C. |
AN FAA VIEW OF SST NAVIGATION SYSTEM
REQUIREMENTS.# PRESENTED AT THE 20TH ANNUAL
NATIONAL MEETING OF THE INSTITUTE OF NAVIGATION
15-17 JUNE 1964, NEW YORK.#
68 00642 NAT U

FEDERAL AVIATION AGENCY, WASHINGTON, D. C. |
ESTIMATED COST OF DELAY AT FAA TOWER
AIRPORTS C. Y. 1965.#
68 00826 R NA, U

FEDERAL AVIATION AGENCY, WASHINGTON, D. C. |
SIMULATION INVESTIGATIONS OF SUPERSONIC
TRANSPORT OPERATING MARGINS, INSTRUMENT
PROCEDURES, HANDLING QUALITIES, AND
LONGITUDINAL STABILITY REQUIREMENTS.#
68 01326 R NAT U

FEDERAL AVIATION AGENCY, WASHINGTON, D. C. |
BOEING 727 MAINTENANCE REVIEW BOARD
REPORT.#
68 01454 R NAT U

FEDERAL AVIATION AGENCY, WASHINGTON, D. C. |
MOBILE/TRANSPORTABLE AIR TRAFFIC CONTROL
NAVIGATIONAL AID AND COMMUNICATIONS SYSTEM.#
INTERIM REPORT.
68 01460 R NAT U

FEDERAL COMMUNICATIONS COMMISSION, WASHINGTON, D. C. |
POPSI PROJECT.#
68 01107 NAT U

FEDERAL COMMUNICATIONS COMMISSION, WASHINGTON, D. C. |
POPSI PROJECT.#
68 01108 NAT U

FERN, D. L. |
VLT/FM BROADCAST INTERFERENCE STUDY.#
FINAL REPORT.
68 00517 R NAT U

FEILER, A. M. |
CASE STUDIES OF TRANSIM ANALYSIS.#
68 00342 NAT U

FELSMAN, W. O. |
SYSTEMS ANALYSIS AND MECHANIZATION
STUDIES.# APPENDIX I, FINAL TECHNICAL REPORT.
68 00902 NAT U

FELSMAN, W. O. |
CONTROLS AND DISPLAYS ANALYSIS.#
APPENDIX II.
68 00903 NAT U

FELSMAN, W. O. |
SYSTEMS EFFECTIVENESS REPORT.#
APPENDIX III
68 00904 NAT U

FENG, H-Y. |
INVESTIGATION OF MICROMECHANICAL BEHAVIOR
OF FIBER REINFORCED PLASTICS.# FINAL REPORT
14 JUNE 1966 TO 14 MARCH 1967.
68 01122 NAT U

FEDERAL AVIATION AGENCY, AIRCRAFT DEVELOPMENT
SERVICE, WASHINGTON, D. C. |
EVALUATION OF THE PIPLR PA-25B AGRICULTURAL
AIRCRAFT.#
68 01192 R NAT U

FEDERAL AVIATION AGENCY, AIRCRAFT DEVELOPMENT
SERVICE, WASHINGTON, D. C. |
EVALUATION OF THE CALLAIR A-7 AGRICULTURAL
AIRCRAFT.# TECHNICAL REPORT.
68 01194 R NAT U

FEDERAL AVIATION AGENCY, AIRCRAFT DEVELOPMENT
SERVICE, WASHINGTON, D. C. |
EVALUATION OF THE SNOW 3-20 AGRICULTURAL
AIRCRAFT.# FINAL TECHNICAL REPORT.
68 01195 R NAT U

FEDERAL AVIATION AGENCY, CIVIL AVIATION
ASSISTANCE GROUP, AFGHANISTAN. |
AFGHANISTAN AIR TRANSPORTATION
DEVELOPMENT-TECHNICAL ASSISTANCE PROJECT
HISTORY AND ANALYSIS REPORT.# FINAL REPORT.
68 01447 P NAT U

FEDERAL AVIATION AGENCY, COLLISION PREVENTION
ADVISORY GROUP, WASHINGTON, D. C. |
FEDERAL AVIATION AGENCY COLLISION
PREVENTION ADVISORY GROUP, MINUTES OF THE
TWENTY-SIXTH MEETING, DECEMBER 1, 1966.#
68 01463 P NAT U

FEDERAL AVIATION AGENCY, NATIONAL AVIATION
FACILITIES EXPERIMENTAL CENTER, TEST AND
EVALUATION DIV., ATLANTIC CITY. |
TECHNICAL EVALUATION OF EIDOPHON.#
FINAL REPORT.
68 00822 NAT U

FEDERAL AVIATION AGENCY, OFFICE OF POLICY
DEVELOPMENT, WASHINGTON, D. C. |
TRENDS IN AIRCRAFT OPERATIONS AT AIRPORTS
WITH FAA AIRPORT TRAFFIC CONTROL TOWERS.#
68 01446 R NAT U

FEDERAL AVIATION AGENCY, OFFICE OF SUPERSONIC
TRANSPORT DEVELOPMENT, WASHINGTON, D. C. |
THE EFFECTS OF SONIC BOOM ON STRUCTURAL
BEHAVIOR.# FINAL REPORT.
68 01177 R NAT U

FEDERAL AVIATION AGENCY, SYSTEMS RESEARCH AND
DEVELOPMENT SERVICE, WASHINGTON, D. C. |
PROPOSED REARRANGEMENT OF PRIVATE AIRCRAFT
BAND 7122.0-123.0 MC/SS.#
68 01450 R NAT U

FEDERAL AVIATION AGENCY, WASHINGTON, D. C. |
AIRCRAFT LANDING SPEED AND ACCIDENT
CORRELATION.# MEMORANDUM.
68 00565 R NAT U

FENSKO, M. R.]
FLUIDS, LUBRICANTS, TUBES AND RELATED
MATERIALS.0
68 01315 NAT U

FERGUSON, C. C.]
CREW PLACEMENT WITHIN THE D4 SERIES AND
AIRCRAFT.0 PHASE REPORT.
68 00961 NAT U

FERGUSON, J. H.]
TECHNOLOGY APPRAISAL-EXPERIMENTAL DATA AND
METROLOGY.0 VOLUME III.
68 01079 NAT U

FERMAN, M. A.]
RESULTS OF 1967 RESEARCH ON CONCEPTUAL
FLUTTER ANALYSES.0 FINAL REPORT.
68 00726 NAT U

FETIMUNOV, S. S.]
ALUMINUM AS A HIGH-TEMPERATURE HEAT-
TRANSFER AGENT.0 TRANSLATION FROM
RUSSIAN.
68 00084 NAT U

FINK, L. D.]
TECHNICAL MANUALS FOR MAINTENANCE
SUPPORT - A MAINTENANCE RATIONALE, SOME
RESEARCH FINDINGS, AND SOME PROJECTIONS.0
68 00267 NAT U

FINK, M. P.]
FULL-SCALE WIND-TUNNEL INVESTIGATION OF THE
LONGITUDINAL AND LATERAL CHARACTERISTICS OF A
LIGHT, THIN-ENGINE AIRPLANE.0 LANGLEY WORKING
PAPER.
68 01256 NAT U

FINKELSTEIN, J. M.]
ACCELERATED TESTING TECHNOLOGY.0 VOLUME I.
FINAL REPORT /FEBRUARY 1966 TO JULY 1967.
68 01085 NAT U

FINKELSTEIN, J. M.]
ACCELERATED TESTING TECHNOLOGY.0
VOLUME II, FINAL REPORT /FEBRUARY 1966 JULY
1967.
68 01087 NAT U

FIRICA, V.]
CONTRIBUTION OF ACTIVITY TO THE CIRCADIAN
RHYTHM IN EXCRETION OF MAGNESIUM AND
CALCIUM.0
68 01476 R NAT U

FLORITTO, B. L.]
HONEYWELL RADAR ALTIMETER SYSTEM.0
FINAL REPORT.
68 01158 NAT U

FISCHER, M. G.]
A SIMULATOR STUDY OF A PICTORIAL NAVIGATION
DISPLAY IN INSTRUMENT DEPARTURES OF THE
SUPERSONIC TRANSPORT.0
68 00982 NAT U

FISKE, M. P.]
THE PENETRATION OF RIFLE PROJECTILES IN
ALUMINUM AND PLASTIC TARGETS.0
68 00949 NAT U

FISHER, E. J.]
A NEW METHOD FOR MAKING IMPROVED
COMMUNICATIONS CABLES.0
68 00279 NAT U

FISHER, E. J.]
INVESTIGATIONS ON THE DIRECTIVITY OF
CIRCULAR ANTENNA ARRAYS IN COMPARISON WITH
THE BEAMWIDTH OF PARABOLIC REFLECTORS IN
THE DECIMETER AND CENTIMETER WAVELANDS.
68 00112 NAT U

FISHER, A.]
FUEL SYSTEMS FOR AIR FORCE RESEARCH.
68 00000 NAT U

FISHER, E. J.]
THE RELATIONSHIP OF FIVE PERSONALITY
SCALES TO SUCCESS IN NAVAL AVIATION
TRAINING.0
68 00929 NAT U

FLEISHMAN, L. A.]
EFFECTS OF DRUGS ON HUMAN PERFORMANCE.
SUMMARY OF RESULTS.0 FINAL REPORT /JULY
1964 TO OCTOBER 1967.
68 01142 NAT U

FLEISHMAN, T.]
COST REPORTING FOR DEVELOPMENT
OF INFORMATION PROCESSING SYSTEMS.0
68 00123 NAT U

FLEWING, D. P.]
EXPERIMENTS ON STABILITY OF HERRINGBONE-
GROOVED GAS-LUBRICATED JOURNAL BEARINGS TO
HIGH COMPRESSIBILITY NUMBERS.0
68 00841 NAT U

FLEWING, R. S.]
EVALUATION OF HELICOPTER STEEP SLOPE GCA
OPERATIONS.0
68 01472 R NAT U

FLIGHT SAFETY FOUNDATION, INC., AVIATION SAFETY/
ENGINEERING AND RESEARCH DIV., PHOENIX, ARIZ. |
UNITED STATES ARMY AVIATION CRASH SURVIVAL
RESEARCH.0 SUMMARY REPORT.
68 00875 NAT U

FLIGHT SAFETY FOUNDATION, INC., AVIATION SAFETY/
ENGINEERING AND RESEARCH DIV., PHOENIX, ARIZ. |
PRINCIPLES FOR IMPROVING STRUCTURAL CRASH-
WORTHINESS FOR STOL AND CTOL AIRCRAFT.0
68 00874 NAT U

FLIGHT SAFETY FOUNDATION, INC., AVIATION SAFETY/
ENGINEERING AND RESEARCH DIV., PHOENIX, ARIZ. |
CRASH SURVIVAL DESIGN GUIDE.0
68 01250 NAT U

FLIGHT SAFETY FOUNDATION, INC., NEW YORK. |
GENERAL AVIATION PILOT EDUCATION PROGRAM.0
FINAL REPORT.
68 01179 R NAT U

FLIGHT SAFETY FOUNDATION, INC., NEW YORK. |
EFFECTIVE USE OF GOVERNMENT AVIATION
WEATHER SERVICE.0
68 01269 NAT U

- FLURMAN, E. F. I
LOADING FACTORS AND FIM-FM SYSTEM
PERFORMANCE CALCULATIONS.0
68 00231 NAT U
- FLUM CORP. CONESCO DIV., WATERTOWN, MASS. I
PROCEDURES FOR ESTIMATING THE EFFECTS OF
DESIGN AND OPERATIONAL CHARACTERISTICS OF JET
AIRCRAFT ON GROUND NOISE.0
68 01424 NAT U
- FULLWILL, R. J. I
SERVICE TEST OF THE LIGHTWEIGHT,
INDIVIDUAL SURVIVAL KIT.0 FINAL REPORT.
68 00808 NAT U
- FUND MOTOR CO., DEARBORN, MICH. I
ATMOSPHERIC SCATTERING OF SONIC-BOOM
INTENSITIES.0 PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01052 NAT U
- FUREMAN, L. F. I
CIVILIAN PUBLIC PROBLEMS AND THE AEROSPACE
INDUSTRY.0
68 00262 NAT U
- FURST PRODUCTS LAB., MADISON, WIS. I
SURFACE FLAMMABILITY OF VARIOUS WOOD-BASE
BUILDING MATERIALS.0
68 00731 NAT U
- FURTUSHEK, A. D. I
SIXTY YEARS OF RADIO.0
68 00282 NAT U
- FOSTER ASSOCIATES, INC., WASHINGTON, D. C. I
TRANSPORTATION EFFECTS IN EMERGENCIES.0
68 01002 NAT U
- FOSTER, D. N. I
NOTE ON METHODS OF CALCULATING THE
PRESSURE DISTRIBUTION OVER THE SURFACE
OF TWO-DIMENSIONAL COMBERED WINGS.0
68 00063 NAT U
- FOULKE, R. W. I
JOINT AIR FORCE-NAVY SUPERSONIC RAIN
EROSION EVALUATIONS OF MATERIALS.0
68 01136 NAT U
- FOURIE, W. K. I
EXPLORATION OF HIGH-SPEED FLIGHT WITH THE
KH-15A RIGID ROTOR HELICOPTER.0
68 00448 NAT U
- FUR, L. I
AN HXK MARKING GROUP OF ENGINE
GENERATORS.0
68 00260 NAT U
- FRAGA, E. I
SOME RESULTS IN SUPERSONIC COMBUSTION.0
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01091 NAT U
- FRALICH, R. W. I
FLUTTER OF BACKLID, SIMPLY SUPPORTED,
RECTANGULAR PANELS AT SUPERSONIC SPEEDS.0
68 00841 NAT U
- FRANK, L. M. I
DEVELOPMENT OF LABORATORY MODEL
FATIGUE CRACK DETECTION DEVICE BASED ON
INFRARED TECHNIQUES.0
68 00384 NAT U
- FRANK, L. M. I
NONDESTRUCTIVE METHODS DEVELOPMENT FOR THE
EVALUATION OF THIN AND ULTRATHIN SHEET
MATERIALS.0 FINAL REPORT /16 JULY 1966 TO
15 JUNE 1967/.
68 01212 NAT U
- FRANKLIN, P. A. I
THE PROPAGATION OF SOUND FROM AIRPORT
GROUND OPERATIONS.0
68 00476 NAT U
- FRANKLIN, J. A. I
LATERAL-DIRECTIONAL FLYING QUALITIES FOR
POWER APPROACH - INFLUENCE OF DUTCH ROLL
FREQUENCY.0
68 00336 NAT U
- FRASCA, R. L. I
A STUDY OF TURBOFAN-ENGINE COMPRESSOR-
NOISE SUPPRESSION TECHNIQUES.0
68 01422 NAT U
- FRASER, D. B. I
FABRICATION AND TESTING OF AN ACTIVE
ELECTROSTATIC DISCHARGE SYSTEM FOR THE
CH-47 HELICOPTER.0
68 00780 NAT U
- FRAZIER, F. D. I
PERFORMANCE FLIGHT TESTING THEORY.0
68 01173 NAT U
- FRAZIER, F. D. I
PERFORMANCE FLIGHT TEST TECHNIQUES.0
68 01174 NAT U
- FRECH, J. C. I
ULTRASONIC DETECTION AND MEASUREMENT
OF FATIGUE CRACKS IN MOTORED SPECIMENS.0
68 01500 NAT U
- FREDRICK, H. I
ATMOSPHERIC SCATTERING OF SONIC-BOOM
INTENSITIES.0 PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01052 NAT U
- FREEMAN, D. C., JR. I
LOW-SUBSONIC FLIGHT AND FORCE INVESTIGATION
OF A SUPERSONIC TRANSPORT MODEL WITH A DOUBLE-
DELTA WING.0
68 00636 NAT U
- FREEMAN, D. C., JR. I
FULL-SCALE WIND-TUNNEL INVESTIGATION OF THE
LONGITUDINAL AND LATERAL CHARACTERISTICS OF A
LIGHT, TWIN-ENGINE AIRPLANE.0 LANGLEY WORKING
PAPER.
68 01256 NAT U
- FREELY, A. R. I
AN ATAXIA TEST BATTERY NOT REQUIRING
THE USE OF NAILS.0
68 00753 NAT U

FREELY, A. R.]
TRANSFER OF HABITUS OF MOTION SICKNESS
ON CHANGE IN BODY POSITION BETWEEN VERTICAL
AND HORIZONTAL IN A ROTATING ENVIRONMENT.#
68 01208 NAT U

FRENCH, M. S.]
EMPENNAGE.# VOLUME II, PART 1-
68 00884 NAT U

FREUDENTHAL, A. M.]
RELIABILITY ANALYSIS BASED ON TIME
TO FIRST FAILURE.#
68 00112 NAT U

FREUDENTHAL, A. M.]
ASPECTS OF CUMULATIVE DAMAGE IN FATIGUE
DESIGN.#
68 00604 NAT U

FRIANT, C. W., CAPT. USAF]
CATEGORY II/III SYSTEMS EVALUATION.#
68 00813 NAT U

FRY, B. L.]
FEASIBILITY OF V/STOL CONCEPTS FOR
SHORT-HAUL TRANSPORT AIRCRAFT.# SUPPLEMENT
68 01425 NAT U

FYSINGER, G. R.]
BATTERY-POWER CELL SYSTEM.#
68 00575 NAT U

FYSINGER, G. R.]
POWER SOURCES FOR ELECTRIC CARS.#
TECHNICAL REPORT.
68 00875 NAT U

FUNKHOUSER, G. L.]
THE EFFECTS OF BODY THERMAL STATE ON
MANUAL PERFORMANCE.#
68 01473 R NAT U

FURNOL, A. L.]
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
68 00542 NAT U

FURNOL, A. L.]
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
68 00541 NAT U

FURNOL, A. L.]
RESEARCH ON THE FLAMMABILITY CHARACTERISTICS
OF AIRCRAFT FUELS.#
68 00625 NAT U

FURUKAWA ELECTRIC CO., TOKYO, JAPAN.]
UMF TRANSMISSION LINE CAPABLE OF
CONTINUOUS RADIATION ALONG ITS AXIS.#
68 00330 NAT U

GAPNEY, W. L.]
FAILURE ANALYSIS MODEL FOR BRAKE AND
ANTI-SKID SYSTEMS.#
68 01170 NAT U

GAONIER, T. R.]
DORMANT OPERATING AND STORAGE EFFECTS
ON ELECTRONIC EQUIPMENT AND PART
RELIABILITY.# FINAL REPORT.
68 00048 NAT U

GARAN, J. W.]
DESIGN OF TWO ELECTROMAGNETIC
PUMPS.#
68 00209 NAT U

GAINER, C. A.]
THE FORGETTING OF INSTRUMENT READING AS
A FUNCTION OF THE LEVELS OF INITIAL
PROFICIENCY.#
68 01249 NAT U

GAMBULLI, B. J.]
DYNAMIC RESPONSE OF A FAMILY OF
AXISYMMETRIC HAMMERHEAD MODELS TO UNSTEADY
AERODYNAMIC LOADING.#
68 01429 NAT U

GAMON, M. A.]
THE DEVELOPMENT OF DYNAMIC TAXI DESIGN
PROCEDURES.# FINAL REPORT.
68 01245 R NAT U

GAMSE, B.]
LARGE-SCALE WIND-TUNNEL TESTS OF AN AIRPLAN
MODEL WITH TWO PROPELLERS AND ROTATING CYLINDER
FLAPS.#
68 00629 NAT U

GARONER, J. E.]
EFFECTS OF LONGTIME ENVIRONMENTAL
EXPOSURE ON MECHANICAL PROPERTIES OF SHEET
MATERIALS FOR A SUPersonic TRANSPORT.#
68 00439 NAT U

GARNER, H. L.]
MATHEMATICAL MODELS OF INFORMATION
SYSTEMS.#
68 01438 NAT U

GARNER, J. E.]
A REVIEW OF JET EFFLUX STUDIES
APPLICABLE TO V/STOL AIRCRAFT.#
68 00131 NAT U

GARRATT, P. G.]
A STUDY OF THE EFFECT OF TEMPERATURE AND
DEPTH OF DISCHARGE ON THE PERFORMANCE AND
CYCLE LIFE OF HERMETICALLY SEALED
NICKEL-CADMIUM CELLS.#
68 00484 NAT U

GARREN, J. F., JR.]
STUDY OF THE OPTIMUM VALUES OF SEVERAL
PARAMETERS AFFECTING LONGITUDINAL HANDLING
QUALITIES OF VTOL AIRCRAFT.#
68 01274 NAT U

GARRETT CORP., TORRANCE, CALIF.]
UNINTERRUPTIBLE POWER SYSTEM MODULE
ANALYSIS.# INTERIM REPORT.
68 00375 NAT U

GARRETT, A. J.]
DEVELOPMENT OF AN ENGINE-POWERED LIQUID
DISPENSAL SYSTEM FOR AGRICULTURAL AIRCRAFT.#
68 01193 NAT U

- GARNETT, R. L. |
CONTINUED AIRWORTHINESS AS SEEN BY THE
EXECUTIVE OPERATOR.#
68 00423 NAT U
- GARNICK, L. F. |
A SUMMARY OF RESULTS ON SONIC-BOOM
PRESSURE-SIGNATURE VARIATIONS ASSOCIATED WITH
ATMOSPHERIC CONDITIONS.#
68 01433 NAT U
- GASPER, P. A., JR. |
AN EXPERIMENTAL STUDY OF THE INFLUENCE OF
THE TURBULENT BOUNDARY LAYER ON PANEL
FLUTTER.#
68 00749 NAT U
- GASPER, P. A., JR. |
AN EXPERIMENTAL STUDY OF THE INFLUENCE OF
THE TURBULENT BOUNDARY LAYER ON PANEL
FLUTTER.#
68 01082 NAT U
- GATES, G. |
LOW COST DIGITAL DATA COMMUNICATIONS
LINK.# FINAL TECHNICAL REPORT /JANUARY
1966 TO FEBRUARY 1968/.
68 01165 NAT U
- GAUL, J. W. |
APPLICATION OF OPTIMAL CONTROL THEORY
TO VTOL FLIGHT CONTROL SYSTEM DESIGN.#
68 00173 NAT U
- GAVRILOV, A. N. |
TECHNOLOGY OF AVIATION INSTRUMENT
CONSTRUCTION.#
68 00283 NAT U
- GEHARD, H. S. |
HUMAN FACTORS PREDICTION VALIDATION.#
FINAL REPORT.
68 00341 NAT U
- GEIDEMAN, W. A., JR. |
DYNAMICS OF ARC JET SYSTEM.#
PRESENTED AT THE NATIONAL ARS-IAS JOINT
MEETING, LOS ANGELES, CALIFORNIA, JUNE 13, 14,
15 AND 16, 1961.
68 01021 NAT U
- GLINOVATCH, V. |
MICROWAVE SOLID-STATE DEVICES AND
CIRCUITS.#
68 00287 NAT U
- GENERAL AMERICAN TRANSPORTATION CORP., NILES, ILL. |
DEVELOPMENT OF LABORATORY MODEL
FATIGUE CRACK DETECTION DEVICE BASED ON
INFRARED TECHNIQUES.#
68 00384 NAT U
- GENERAL AMERICAN TRANSPORTATION CORP., NILES, ILL. |
NONDESTRUCTIVE METHODS DEVELOPMENT FOR THE
EVALUATION OF THIN AND ULTRATHIN SHEET
MATERIALS.# FINAL REPORT /16 JULY 1966 TO
15 JUNE 1967/.
68 01212 NAT U
- GENERAL ATRONICS CORP., PHILADELPHIA. |
AIRBORNE PHASED ARRAY TECHNIQUES.#
FINAL REPORT.
68 00218 NAT U
- GENERAL DYNAMICS/CUNVAY, SAN DIEGO, CALIF. |
DESIGN STUDY AND MODEL STRUCTURES TEST
PROGRAM TO IMPROVE FUSELAGE CRASHWORTHINESS.#
FINAL REPORT.
68 00512 NAT U
- GENERAL ELECTRIC CO. ADVANCED TECHNOLOGY AND
DEMONSTRATOR PROGRAMS DEPT., CINCINNATI. |
RESULTS OF PHASE BII, COMPONENT AND FULL
SCALE LIFT/CRUISE FAN TEST.# VOLUME II.
68 00163 NAT U
- GENERAL ELECTRIC CO. APOLLO SUPPORT DEPT.,
DAYTONA BEACH, FLA. |
PROBLEMS WITH ELECTRICAL CONNECTORS
AND INSULATED WIRE IN THE AEROSPACE
INDUSTRY.#
68 00043 NAT U
- GENERAL ELECTRIC CO. DIRECT ENERGY CONVERSION
OPERATION, LYNN, MASS. |
VOLTAGE REGULATION AND CONVERSION IN
UNCONVENTIONAL ELECTRICAL GENERATOR SYSTEMS.#
68 00018 NAT U
- GENERAL ELECTRIC CO. FLIGHT PROPULSION LAB. |
DEPT., CINCINNATI. |
FLIGHTWORTHINESS AND RELIABILITY SUMMARY
REPORT.#
68 00017 NAT U
- GENERAL ELECTRIC CO. FLIGHT PROPULSION LAB. |
DEPT., CINCINNATI. |
DYNAMICS OF ARC JET SYSTEM.#
PRESENTED AT THE NATIONAL ARS-IAS JOINT
MEETING, LOS ANGELES, CALIFORNIA, JUNE 13, 14,
15 AND 16, 1961.
68 01021 NAT U
- GENERAL ELECTRIC CO. FLIGHT PROPULSION LAB. |
DEPT., CINCINNATI. |
FEASIBILITY OF BURNING EMULSIFIED FUEL
IN A TLM100 ENGINE.#
68 01127 NAT U
- GENERAL ELECTRIC CO. FLIGHT PROPULSION LAB. |
DEPT., CINCINNATI. |
INVESTIGATIONS OF A VARIABLE AREA SCROLL
FOR POWER TRANSFER IN TIP TURBINE LEFT FAN
SYSTEMS.# FINAL REPORT /JUNE 1964 TO
DECEMBER 1966/.
68 01128 NAT U
- GENERAL ELECTRIC CO. MISSILE AND SPACE DIV.,
KING OF PRUSSIA, PENNA. |
TURBULENCE IN STRATIFIED ATMOSPHERE.#
68 00817 NAT U
- GENERAL ELECTRIC CO. SEMICONDUCTOR PRODUCTS
DEPT., ALBANY, N. Y. |
TECHNIQUES FOR THE CONTROL OF
INTEGRATED CIRCUIT QUALITY AND
RELIABILITY.# VOLUME II APPENDICES.
68 00183 NAT U

GENERAL ELECTRIC CO., SEMICONDUCTOR PRODUCTS
DEPT., AUBURN, N. Y. |
TECHNIQUES FOR THE CONTROL OF
INTEGRATED CIRCUIT QUALITY AND RELIABILITY.#
VOLUME 1.
68 00194 NAT U

GENERAL ELECTRIC CO., SPACE SCIENCES LAB., |
PHILADELPHIA. |
APPLICATION OF A PNEUMATIC GUN APPARATUS TO
STRUCTURAL IMPACT STUDIES AT HIGH VELOCITY.#
PRESENTED AT THE SIXTH INTERNATIONAL SYMPOSIUM
FOR HIGH SPEED TESTING, BOSTON, MASS., MARCH,
6-7, 1967.
68 01532 NAT U

GENERAL ELECTRIC CO., BINGHAMTON, N. Y. |
APPLICATION OF OPTIMIZATION TECHNIQUES
TO FLIGHT CONTROL ACTUATION SYSTEM
DESIGN.#
68 00127 NAT U

GENERAL ELECTRIC CO., BINGHAMTON, N. Y. |
A BLENDED FEEDBACK VARIABLE FOR CONTROL
AUGMENTATION SYSTEMS.#
68 00281 NAT U

GENERAL ELECTRIC CO., BINGHAMTON, N. Y. |
ADVANCED AUTOMATIC FLIGHT CONTROL SYSTEM
STUDY.# FINAL REPORT.
68 00546 NAT U

GENERAL ELECTRIC CO., BINGHAMTON, N. Y. |
DIGITAL MECHANIZATION OF A DISCRETELY
ADAPTIVE FLIGHT CONTROL COMPUTER.
PART I, HARDWARE DESIGN AND FABRICATION.#
FINAL REPORT.
68 01487 NAT U

GENERAL ELECTRIC CO., CINCINNATI. |
DESIGN OF TWO ELECTROMAGNETIC
PUMPS.#
68 00209 NAT U

GENERAL ELECTRIC CO., CINCINNATI. |
ADVANCED LIFT FAN SYSTEM /LFX/ STUDY
CONTINUATION.#
68 00357 NAT U

GENERAL ELECTRIC CO., CINCINNATI. |
MODEL FAN COMPRESSOR ACOUSTICAL STUDIES.#
TECHNICAL REPORT.
68 00571 NAT U

GENERAL ELECTRIC CO., DAYTONA BEACH, FLA. |
PLANNING AND MEASUREMENT TECHNICAL PROGRESS.#
68 00497 NAT U

GENERAL ELECTRIC CO., EVANSTON, ILL. |
STUDY AND TESTS TO REDUCE COMPRESSOR SOUNDS
OF JET AIRCRAFT.# TECHNICAL REPORT.
68 00632 NAT U

GENERAL ELECTRIC CO., KING OF PRUSSIA, PENNA. |
ACCELERATED TESTING OF HIGH RELIABILITY
PARTS.#
68 00590 NAT U

GENERAL ELECTRIC CO., SYRACUSE, N. Y. |
AN AT-CAN VIBRATION STUDY.# FINAL REPORT
JANUARY 1967.
68 00601 NAT U

GENERAL MOTORS CORP., MILISON DIV., |
INDIANAPOLIS. |
INVESTIGATION OF COORDINATED FREE TURBINE
ENGINE CONTROL SYSTEMS FOR MULTISENINE
HELICOPTERS.# FINAL REPORT.
68 01057 NAT U

GENERAL PRECISION SYSTEMS, INC., RESEARCH |
SYSTEMS DIV., WAYNE, N. J. |
LORAN C/D RECEIVER.# VOLUME IV, FINAL
DEFINITION PHASE REPORT.
68 01154 NAT U

GENERAL PRECISION SYSTEMS, INC., RESEARCH |
SYSTEMS DIV., WAYNE, N. J. |
ENGINEERING MEMORANDUM FOR THE PRELIMINARY
ELECTRONIC FLIGHT PROFILE INDICATOR.#
68 00189 NAT U

GENERAL PRECISION SYSTEMS, INC., RESEARCH |
SYSTEMS DIV., WAYNE, N. J. |
COMPUTER SUBSYSTEM.# VOLUME V, FINAL
TECHNICAL REPORT.
68 00395 NAT U

GENERAL RESEARCH CORP., SANTA BARBARA, CALIF. |
PROJECT ECHO.#
68 00023 NAT U

GEOLOGICAL SURVEY, WASHINGTON, D. C. |
GEOLOGIC SKETCH OF THE PROPOSED
NORTHEAST CORRIDOR HIGH-SPEED GROUND
TRANSPORT SYSTEM.#
68 00149 NAT U

GEORGE WASHINGTON UNIV., ALEXANDRIA, VA. HUMAN |
RESOURCES RESEARCH OFFICE. |
TECHNICAL MANUALS FOR MAINTENANCE
SUPPORT - A MAINTENANCE RATIONALE, SOME
RESEARCH FINDINGS, AND SOME PROJECTIONS.#
68 00267 NAT U

GEORGE WASHINGTON UNIV., ALEXANDRIA, VA. HUMAN |
RESOURCES RESEARCH OFFICE. |
SIMULATION IN TRAINING AND
EDUCATION.#
68 00268 NAT U

GEORGE WASHINGTON UNIV., ALEXANDRIA, VA. HUMAN |
RESOURCES RESEARCH OFFICE. |
VISUAL DETECTION, IDENTIFICATION, AND
LOCALIZATION - AN ANNOTATED BIBLIOGRAPHY.#
68 00859 NAT U

GEORGE WASHINGTON UNIV., ALEXANDRIA, VA. HUMAN |
RESOURCES RESEARCH OFFICE. |
FLIGHT EVALUATION PROCEDURES AND QUALITY
CONTROL OF TRAINING.# TECHNICAL REPORT.
68 01110 NAT U

GEORGE, M. |
INVESTIGATION OF PROPELLER SLIPSTREAM
EFFECTS ON WING PERFORMANCE.#
68 00805 NAT U

GEORGE, M. |
INVESTIGATION OF THE DOWNWASH ENVIRONMENT
GENERATED BY V/STOL AIRCRAFT OPERATING
IN GROUND EFFECT.# FINAL REPORT.
68 01444 NAT U

- GEORGE, R. E. I
DYNAMIC RESPONSE OF A FAMILY OF
AXISYMMETRIC HANMERHEAD MODELS TO UNSTEADY
AERODYNAMIC LOADING.0
68 01429 NAT U
- GEORGIA INST. OF TECH., ATLANTA. I
A LITERATURE SURVEY - HOW THE DEFENSE
DEPARTMENT AWARDS CONTRACTS AND GRANTS FOR
BASIC RESEARCH.0
68 00721 NAT U
- GEORGIA INST. OF TECH., ATLANTA. ENGINEERING
EXPERIMENT STATION. I
STATISTICAL GAIN CHARACTERISTICS OF
RADAR ANTENNAS.0 FINAL ENGINEERING REPORT
/JUNE 1966 TO JANUARY 1968/.
68 00900 NAT U
- GERARD, G. I
THE POTENTIALS OF COMPOSITE STRUCTURES IN
THE DESIGN OF AIRCRAFT.0
68 01004 NAT U
- GERDES, W. W. I
RADAR RETURN FROM TARGETS HIDDEN BY
GROUND CLUTTER.0
68 00678 NAT U
- GIBBONS, M. L. I
CIRCADIAN RHYTHMS AND THE EFFECTS OF
LONG-DISTANCE FLIGHTS.0
68 01241 M NAT U
- GIBBONS, M. L., M. D. I
THE TIME ZONE AND CIRCADIAN RHYTHMS IN
RELATION TO AIRCRAFT OCCUPANTS TAKING
LONG-DISTANCE FLIGHTS.0
68 00431 R NAT U
- GIBSON, J. A. I
REVIEW OF NONDESTRUCTIVE TESTING
TECHNIQUES FOR DETECTING LACK OF
PENETRATION IN ALUMINUM FUSION WELDS.0
68 00353 NAT U
- GILSON, J. R. I
ANALYSIS OF REPRODUCIBILITY AND
REPEATABILITY OF BEARING-LUBRICANT DEPOSITION
RATINGS.0 SUMMARY TECHNICAL REPORT /MARCH
1965 TO SEPTEMBER 1967/.
68 01078 NAT U
- GIBSON, P. I. I
VALIDATION OF DESIGN THEORY FOR AIRCRAFT
ARRESTING-GEAR CABLE.0 FINAL REPORT.
68 00740 NAT U
- GIESSEN, F. J. I
CM-54A SEVCRAM HELICOPTER FLIGHT LOADS
INVESTIGATION PROGRAM.0
68 00499 NAT U
- GILBERT, F. B. I
COMPUTER PROGRAM DESCRIPTION.0 VOLUME II.
68 01424 NAT U
- GILBERT, R. M. I
A PRELIMINARY DESIGN AND SYSTEMS
ENGINEERING STUDY FOR A GROUND-AIR-
GROUND PUBLIC TRANSPORTATION SYSTEM.0
68 00321 NAT U
- GILLESPIE, C. N. I
EXPERIMENTAL RADAR REMOTING MULTIPLEXER
/DEMULPLEXER SET.0 FINAL REPORT /29 MARCH
1967 TO 29 FEBRUARY 1968/.
68 01375 NAT U
- GILSINN, J. I
METHODS FOR THE INITIAL SUPERDISTRICT
PROJECTIONS OF NORTHEAST CORRIDOR POPULATIONS,
EMPLOYMENT AND INCOME.0
68 01298 NAT U
- GILYARD, G. B. I
PRELIMINARY FLIGHT EVALUATION OF THE
STABILITY AND CONTROL DERIVATIVES AND DYNAMIC
CHARACTERISTICS OF THE UNAUGMENTED XB-70-1
AIRPLANE INCLUDING COMPARISONS WITH
PREDICTIONS.0
68 01435 NAT U
- GINSBURG, T. A. I
THE DEVELOPMENT OF DYNAMIC TAXI DESIGN
PROCEDURES.0 FINAL REPORT.
68 01245 R NAT U
- GIUNGI, E. I
STATE OF THE ART UNINTERRUPTIBLE POWER
SYSTEMS.0
68 00365 NAT U
- GIPE, R. L. I
FULL-SCALE FIRE MODELING TEST STUDIES
OF LIGHT WATER AND PROTEIN TYPE FOAMS.0
68 00162 NAT U
- GIULIANETTI, D. J. I
LONGITUDINAL AERODYNAMIC CHARACTERISTICS
IN GROUND EFFECT OF A LARGE-SCALE, V/STOL
MODEL WITH FOUR TILTING DUCTED FANS ARRANGED
IN A DUAL TANDEN CONFIGURATION.0
68 00169 NAT U
- GLANCY, D. M. I
DESCRIPTION OF THE AREA SYSTEM FOR THE
NORTHEAST CORRIDOR TRANSPORTATION PROJECT.0
68 01299 NAT U
- GLASENAPP, R. K. I
FAILURE ANALYSIS MODEL 737 BRAKE AND
ANTI-SKID SYSTEMS.0
68 01370 NAT U
- GLASEN, R. E. I
THERMAL INSULATION SYSTEMS.0
A SURVEY.
68 00093 NAT U
- GLASSER, J. I
BASIC SHAPES FOR AEROSPACE STRUCTURES.0
PHASE II SUPPLEMENT. UTILIZATION POTENTIAL.
68 00016 NAT U
- GLASSER, J. I
DIRECTORY OF GRAPHITE AVAILABILITY.0
SECOND EDITION.
68 00046 NAT U
- GLASSER, J. I
FUEL CELLS FOR AIR FORCE REQUIREMENTS.0
68 00473 NAT U

- GLASSER, J. J.
BASIC SHAPES FOR AEROSPACE STRUCTURES.0
PHASE II. DEVELOPMENT OF PRELIMINARY
SPECIFICATIONS.0
68 00534 NAT U
- GLASSER, M. J. J.
DIRECTORY OF GRAPHITE AVAILABILITY.0
SECOND EDITION.0
68 00046 NAT U
- GOODWIN, E. F. J.
FLAT CAMBER FOR LIGHTWEIGHT
INTERCONNECTIONS.0
68 00211 NAT U
- GOODWIN, U. D. J.
PERFORMANCE FLIGHT TESTING THEORY.0
68 01173 NAT U
- GOODWIN, U. D. J.
PERFORMANCE FLIGHT TEST TECHNIQUES.0
68 01174 NAT U
- GOETZ, M. C. J.
DIVERGENCE OF SOME ALL-MOVABLE
CONTROL SURFACES INCLUDING DRAG LOADINGS.0
68 01501 NAT U
- GOEL, M. C. J.
LUE-ENHANCEMENT AS A FUNCTION OF TASK-SET.0
68 00791 R NAT U
- GOODINS, M. D. J.
A LARGE DYNAMIC RANGE MICROWAVE POWER
MEASUREMENT SYSTEM EMPLOYING FEEDBACK.0
68 00577 NAT U
- GOUGHSA, G. M. J.
THE RESPONSE OF A HOVERING V/STOL AIRCRAFT
TO DISCRETE TURBULENCE.0 THESIS.
68 01075 NAT U
- GOLO, B. J.
PRECISION VOR.0 VOLUME II.0
68 00574 NAT U
- GOLO, M. M. J.
A METHODOLOGY FOR EVALUATING TIME-SHARED
COMPUTER SYSTEM USAGE.0 SCIENTIFIC INTERIM
REPORT.0
68 01131 NAT U
- GOLOMAN, L. D. J.
RADIO FREQUENCY INTERFERENCE AND
MEASUREMENT VEHICLES.0 SUMMARY REPORT.
68 01191 R NAT U
- GOLOMAN, L. J. J.
ANALYSIS OF IMPULSE TURNING-BLADE SECTIONS
68 00811 NAT U
- GOLOMAN, S. J.
AERIAL NAVIGATION AND CONTROL.0
68 00774 NAT U
- GOLDSTEIN, L. L. J.
THE EFFECT OF CURVED BOUNDARY-LAYER
SECTION AND WING BEELD IN THE DRAG OF A 10
DEGREE CONE AT M=2.50.0 TECHNICAL REPORT.
68 01091 NAT U
- GOLDSMITH, M. A. J.
STABILITY AND CONTROL OF SUPERSONIC
AIRCRAFT AT LOW SPEEDS.0 PRESENTED AT FIFTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
68 01051 NAT U
- GONSALVES, J. J.
RATIONALE FOR SELECTION AND EVALUATION
OF VTOL AIRCRAFT LANDING GEAR CONFIGURATION
FOR SOFT SOIL OPERATION.0
68 01494 NAT U
- GONSALVES, V. M. N. N. J.
THE ANALYSIS OF A LOG-PERIODIC ZETA ZETA
ANTENNA.0 THESIS.
68 00922 NAT U
- GOODE, B. J.
ADAPTIVE ANTENNA SYSTEMS.0
68 00811 NAT U
- GOODMAN, A. F. J.
FLOW OF SCIENTIFIC AND TECHNICAL
INFORMATION/ THE RESULTS OF A RECENT
MAJOR INVESTIGATION.0
68 00034 NAT U
- GOODMAN, A. F. J.
DDD USER-NEEDS STUDY, PHASE II.0
VOLUME III.0
68 00453 NAT U
- GOODMAN, E. A. J.
A METHOD OF INDICATING DISTANCE-TO-GO ALONG
A RUNWAY.0
68 00447 NAT U
- GOODMAN, E. A. J.
NOTES ON A VISIT BY G. L. E. U. TO
INTERNATIONAL CONTINENTAL AIRPORTS TO
STUDY LIGHTING INSTALLATIONS.0
68 00449 NAT U
- GOODMAN, P. J.
DEVELOPMENT OF A HAZARDOUS VAPOR
DETECTION SYSTEM FOR ADVANCED AIRCRAFT.0
68 00497 NAT U
- GOODSON, E. M. J.
EFFECT OF GROUND PROXIMITY ON THE
LONGITUDINAL, LATERAL, AND CONTROL
AERODYNAMIC CHARACTERISTICS OF A TILT-WING
FOUR-PROPELLER V/STOL MODEL.0
68 00302 NAT U
- GOODYEAR AEROSPACE CORP., AERONAUTICS DIV.
GOODYEAR 30211 TITANIUM WHEEL
ASSEMBLY 050102.0 FINAL ENGINEERING REPORT.
68 01000 NAT U
- GORMAN, J. A. J.
ALL-WEATHER LANDING SYSTEM STATUS REPORT.0
68 00830 NAT U
- GORMAN, D. M. J.
PARALLEL GUIDE FOR CITIES.0
68 01000 NAT U

GOSMGARIAN, B. B. |
THE MEASUREMENT OF THE EXHAUST COMPOSITION
OF SELECTED HELICOPTER ARMAMENT.#
68 00860 NAT U

GOTTFRIED, P. |
EVALUATION OF RELIABILITY PREDICTION
TECHNIQUES FOR ENTIRE FLIGHT CONTROL SYSTEMS.#
68 00747 NAT U

GOUSE, S. W., JR. |
AERODYNAMIC DRAG ON VEHICLES IN
GUIDEWAYS.#
68 00661 NAT U

GRACE /W. R./ AND CO. RESEARCH DIV. |
CLARKSVILLE, MO. |
THERMALLY STABLE HYDRAULIC FLUIDS.#
PART I.
68 00764 NAT U

GRACE, V. K., CAPT. |
MICROWAVE PHASE MEASUREMENTS ON THE ACTIVE
SWEEP FREQUENCY INTERFEROMETER RADAR SYSTEM.#
68 00013 NAT U

GRACLY, W. |
EVALUATION OF A CLOSED-CIRCUIT TELEVISION
DISPLAY IN LANDING OPERATIONS WITH A
HELICOPTER.#
68 00757 NAT U

GRAFTON, S. B. |
STATIC AND DYNAMIC LONGITUDINAL STABILITY
DERIVATIVES OF A POWERED 0.10-SCALE MODEL
OF A FAN-IN-WING VTOL AIRCRAFT.#
68 00687 NAT U

GRAFTON, S. J. |
CALCULATION OF THE DYNAMIC LONGITUDINAL
STABILITY OF A TILT-WING V/STOL AIRCRAFT AND
CORRELATION WITH MODEL FLIGHT TESTS.#
68 00688 NAT U

GRAHAM, D. |
A REEXAMINATION OF EYE MOVEMENT DATA.#
TECHNICAL MEMORANDUM.
68 01118 NAT U

GRAHAM, F. D. |
THE PRINCETON PENNSYLVANIA ARMY AVIONICS
RESEARCH PROGRAM.#
68 00903 NAT U

GRANAN, J. R. |
STUDY OF LIQUID METAL MAX-77 FOR
APPLICATION IN FLIGHT CONTROL SYSTEMS.#
FINAL TECHNICAL REPORT.
68 01082 NAT U

GRANGE, J. R. |
LAMINAR BOUNDARY-LAYER SEPARATION
AND NEARWAKE FLOW FROM A SMOOTH BLUNT
BODY AT SUPERSONIC AND HYPERSONIC SPEEDS.#
68 00264 NAT U

GRANTMAN, W. O. |
A PILOTED FIXED-BASE SIMULATOR STUDY OF
LOW-SPEED FLIGHT CHARACTERISTICS OF AN
ABRUP-WING SUPERSONIC TRANSPORT DESIGN.#
68 00940 NAT U

GRAY, F. M. |
DESIGN OF A SMALL COMPACT WIDEBAND
ANTENNA.#
68 00352 NAT U

GRAY, L. |
TWO-DIMENSIONAL TESTS OF AIRFOILS
OSCILLATING NEAR STALL. DATA REPORT.#
VOLUME II, FINAL TECHNICAL REPORT.
68 01246 NAT U

GRAY, L. |
TWO-DIMENSIONAL TESTS OF AIRFOILS
OSCILLATING NEAR STALL. SUMMARY AND EVALUATION
OF RESULTS.# VOLUME I, FINAL TECHNICAL
REPORT.
68 01247 NAT U

GRAYBIEL, A. |
AN ATAXIA TEST BATTERY NOT REQUIRING
THE USE OF MAILS.#
68 00933 NAT U

GRAYBIEL, A. |
THE EGOCENTRIC LOCALIZATION OF THE VISUAL
HORIZONTAL IN NORMAL AND LABYRINTHINE-
DEFECTIVE OBSERVERS AS A FUNCTION OF HEAD
AND BODY TILT.#
68 00935 NAT U

GRAYBIEL, A. |
CONSTITUTIONAL AND ENVIRONMENTAL FACTORS
RELATED TO SERUM LIPID AND LIPOPROTEIN
LEVELS.#
68 00940 NAT U

GRAYBIEL, A. |
TRENDS IN SYSTOLIC BLOOD PRESSURE IN THE
THOUSAND AVIATOR CUMMOT OVER A TWENTY-FOUR-
YEAR PERIOD.#
68 00943 NAT U

GRAYBIEL, A. |
THE EFFECT OF WATER IMMERSION ON
PERCEPTION OF THE OCULOGRAVIC ILLUSION IN
NORMAL AND LABYRINTHINE-DEFECTIVE SUBJECTS.#
68 00950 NAT U

GRAYBIEL, A. |
TRANSFER OF HABIT OF MOTION SICKNESS
ON CHANGE IN BODY POSITION BETWEEN VERTICAL
AND HORIZONTAL IN A ROTATING ENVIRONMENT.#
68 01208 NAT U

GREEN, K. |
AIRBORNE RECORDING OF I. L. S.
TRANSMISSIONS FROM A NUMBER OF EUROPEAN
INSTALLATIONS.#
68 01383 NAT U

GREEN, L. A. |
INTEGRATION OF HIGH CONTRAST SOLID-STATE
DISPLAYS AND ADVANCED CONTROL CIRCUITRY.#
FINAL TECHNICAL REPORT /MARCH 1966 TO MAY
1967/.
68 01263 NAT U

GREENE, P. A. |
A NEW NEAR-ZONE ELECTRIC FIELD-STRENGTH
METER.#
68 00239 NAT U

GREENLEE, M. B. |
THE TRANSIT DOPPLER TRACKING
STATION DIGITAL SYSTEM. #
A SUMMARY. #
68 00025 NAT U

GREGORY, M. S. |
BEECHCRAFT SUPPORT FOR THE BEECHCRAFT 99. #
68 00422 U

GREUTMAN, M. |
SOLID STATE PPI RESOLVED SWEEP
GENERATOR. #
68 01519 N NAT U

GRIFFEE, L. V. |
VOR ROTON MODULATION ANTENNA STUDY. #
FINAL REPORT 7/16 SEPTEMBER 1967 TO 30
NOVEMBER 1967. #
68 01157 NAT U

GRIFFITHS, J. O., MAJ. USAF. |
IMPROVED ANALOG VOICE COMMUNICATIONS. #
68 01481 NAT U

GRIFFITHS, L. |
ADAPTIVE ANTENNA SYSTEMS. #
68 00612 NAT U

GRIFFITHS, M. T. |
TESTS AT M-1.82 ON AN ENGINE INSTALLATION
WITH BOUNDARY LAYER DIVERTER FOR A SLENDER
GUTHIC WING. # TECHNICAL REPORT. #
68 01398 NAT U

GRIGGS, T. |
INTERNATIONAL LANGUAGE FOR AVIATION
INSTRUMENT FLIGHT. #
68 00038 NAT U

GRIGGS, T. |
INTERNATIONAL LANGUAGE FOR AVIATION -
INSTRUMENT FLIGHT. #
68 01176 NAT U

GRIMES, G. C. |
TECHNOLOGY APPRAISAL-EXPERIMENTAL DATA AND
METHODOLOGY. # VOLUME III. #
68 01059 NAT U

GRINSTED, F. |
THE QUEST FOR MECHANICAL RELIABILITY IN
AIRCRAFT. # PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, AUGUST 24-28, 1966. #
68 01044 NAT U

GRINLEY, C. A. |
FRICTION EFFECTS OF RUNWAY GROOVES.
RUNWAY 16-10 WASHINGTON NATIONAL AIRPORT. #
FINAL REPORT. #
68 01515 N NAT U

GRUENSBY, M. |
SYSTEMS ANALYSIS AND ADDITIONAL
INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND
PULSE DOPPLER RADAR. #
68 00776 NAT U

GRUPPE, J. A. |
AIRCRAFT VOR ANTENNA. #
68 00259 NAT U

GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE, N. Y. |
DISCRETE-ELEMENT FOR THE
PLASTIC ANALYSIS OF STRUCTURES. #
68 00096 NAT U

GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE, N. Y. |
A SIMULATOR STUDY OF LOW SPEED VIOLENT
HANDLING QUALITIES IN TURBULENCE. # FINAL
REPORT. #
68 01226 NAT U

GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE, N. Y. |
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL SURFACE CONFIGURATIONS IN
SUBSONIC FLOW. # THEORETICAL DEVELOPMENT. #
PART 1, FINAL REPORT/JUNE 1966 TO SEPTEMBER
1967. #
68 01332 NAT U

GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE, N. Y. |
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL SURFACE CONFIGURATIONS IN
SUBSONIC FLOW. # PART 22, DIGITAL COMPUTER
PROGRAM. FINAL REPORT/JUNE 1966 TO SEPTEMBER
1967. #
68 01333 NAT U

GRUNWALD, K. J. |
FLIGHT INVESTIGATION OF PERFORMANCE
CHARACTERISTICS DURING LANDING APPROACH
OF A LARGE POWERED-LIFT JET TRANSPORT. #
68 00305 NAT U

GRUNZWEIG AND MARTMANN A. G., LUDWIGSHAFEN AM
RHEIN, WEST GERMANY. |
AN INVESTIGATION OF A WIDE BAND NOISE
GENERATOR. # FINAL REPORT. #
68 01214 NAT U

GT. BRIT. AERONAUTICAL RESEARCH COUNCIL. |
THE LONGITUDINAL RESPONSE OF A
FLEXIBLE SLENDER AIRCRAFT TO RANDOM
TURBULENCE. #
68 00131 NAT U

GT. BRIT. AERONAUTICAL RESEARCH COUNCIL. |
SOME THEORETICAL STUDIES CONCERNING
OLEO DAMPING CHARACTERISTICS. #
68 00404 U

GT. BRIT. AERONAUTICAL RESEARCH COUNCIL. |
A REVIEW OF COUNTING ACCELEROMETER DATA
ON AIRCRAFT GUST LOADS. #
68 00405 U

GT. BRIT. AERONAUTICAL RESEARCH COUNCIL. |
ZERO RATE OF CLIMB SPEED AS A LOW SPEED
LIMITATION FOR THE STALL-PRONE AIRCRAFT. #
68 00466 U

GT. BRIT. AERONAUTICAL RESEARCH COUNCIL. |
SOME CALCULATIONS OF THE TAKE-OFF BEHAVIOUR
OF A SLENDER-BEAM SUPERSONIC TRANSPORT DESIGN
CONSTRAINED TO FOLLOW A SPECIFIED
PITCH-ATTITUDE TIME HISTORY. #
68 00467 NAT U

GT. BRIT. AERONAUTICAL RESEARCH COUNCIL. |
NATIONAL PHYSICAL LAB. |
INTERIM PROPOSAL FOR AIR ATTENUATION
VALUES FOR AIRCRAFT NOISE.0
68 00734 NAT U

GT. BRIT. ARMY PERSONNEL RESEARCH |
ESTABLISHMENT. |
REPORT ON A PROTOTYPE NET BULB GLOBE
THERMUMETER INDEX METER FOR SERVICE USE.0
68 00730 NAT U

GT. BRIT. MINISTRY OF AVIATION. AEROPLANE AND
ARMAMENT EXPERIMENTAL ESTABLISHMENT, LONDON. |
MEASUREMENT OF NEAR FIELD NOISE OF A
LIGHTNING AIRCRAFT DURING ENGINE GROUND
RUNNING.0
68 00562 NAT U

GT. BRIT. MINISTRY OF AVIATION, LONDON. |
AN EVALUATION OF FOUR AIRSPEED INDICATOR
DISPLAYS.0
68 00663 NAT U

GT. BRIT. MINISTRY OF DEFENSE, LONDON. |
SUPERSONIC TRANSPORT ATC SIMULATION
TRIAL.0
68 00088 NAT U

GT. BRIT. MINISTRY OF TECHNOLOGY. DIRECTORATE |
OF MATERIALS RESEARCH AND DEVELOPMENT CENTER, |
LONDON. |
PROCEEDINGS OF THE U. K. CONFERENCE
ON PROBLEMS IN SEALING AIRCRAFT FLUID
AND HYDRAULIC SYSTEMS.0
68 00055 NAT U

GT. BRIT. MINISTRY OF TECHNOLOGY. DIRECTORATE |
OF MATERIALS RESEARCH AND DEVELOPMENT CENTER, |
LONDON. |
THE CHEMICAL CONTOURING OF 18 PER CENT
NICKEL MANGANESE STEEL SHEET.0
68 00056 NAT U

GT. BRIT. MINISTRY OF TECHNOLOGY. DIRECTORATE |
OF MATERIALS RESEARCH AND DEVELOPMENT CENTER, |
LONDON. |
THE CHEMICAL CONTOURING OF CORROSION
RESISTING STEELS AND OF A NICKEL BASE
ALLOY.0
68 00057 NAT U

GT. BRIT. MINISTRY OF TECHNOLOGY. DIRECTORATE |
OF MATERIALS RESEARCH AND DEVELOPMENT, |
LONDON. |
INVESTIGATION INTO THE USE OF REINFORCED
PLASTICS IN THE HESSEX HELICOPTER TO PREVENT
CORROSION.0
68 00415 U

GT. BRIT. MINISTRY OF TECHNOLOGY. DIRECTORATE |
OF MATERIALS RESEARCH AND DEVELOPMENT, |
LONDON. |
THE FIFTEENTH MEETING OF INTERNATIONAL
STANDARDIZATION ORGANIZATION TECHNICAL
COMMITTEE 45-NUBBING.0 MILAN, SEPTEMBER, 1967
68 00481 NAT U

GT. BRIT. MINISTRY OF TECHNOLOGY. DIRECTORATE |
OF MATERIALS RESEARCH AND DEVELOPMENT, |
LONDON. |
FACTORS AFFECTING THE ADHESION OF SURFACE
COATINGS TO ANODISED ALUMINIUM ALLOYS.0
68 00590 NAT U

GT. BRIT. MINISTRY OF TECHNOLOGY. INTELLIGENCE |
UNIT, LONDON. |
TRANSPORTATION.0
68 00444 NAT U

GT. BRIT. MINISTRY OF TECHNOLOGY. SIGNALS |
RESEARCH AND DEVELOPMENT ESTABLISHMENT, |
CHRISTCHURCH, HANTS, ENGLAND. |
ENVIRONMENTAL NOISE TEMPERATURE AT 50 CM.0
68 01301 NAT U

GT. BRIT. MINISTRY OF TECHNOLOGY. TECHNICAL |
INFORMATION AND LIBRARY SERVICES, LONDON. |
FURTHER ANALYSIS OF TSR.2 FLIGHTS
THROUGH TURBULENCE.0
68 00564 NAT U

GT. BRIT. MINISTRY OF TECHNOLOGY. TECHNICAL |
INFORMATION AND LIBRARY SERVICES, LONDON. |
FLOW TURNING.0
68 00706 NAT U

GT. BRIT. MINISTRY OF TECHNOLOGY. TECHNICAL |
INFORMATION AND LIBRARY SERVICES, LONDON. |
PRE-PRESSURE JIG WELDING OF A LARGE
STAINLESS STEEL AIRCRAFT FUEL TANK.0
68 01509 NAT U

GT. BRIT. MINISTRY OF TECHNOLOGY. MILLBANK |
TOWER, LONDON. |
REPORT NUMBER TWO OF THE COMMITTEE ON
COMMON STANDARDS FOR ELECTRONIC PARTS.0
68 00296 NAT U

GT. BRIT. MINISTRY OF TRANSPORT. ROAD RESEARCH |
LAB., CRUTHURNE. |
A VEHICLE FOR MEASURING THE SKIDDING
RESISTANCE OF ROADS AND RUNWAYS UNDER
HEAVY LOADING CONDITIONS.0
68 01009 NAT U

GT. BRIT. NATIONAL GAS TURBINE ESTABLISHMENT, |
PVESTOK, HANTS, ENGLAND. |
INVESTIGATION ON AN EXPERIMENTAL
SINGLE-STAGE TURBINE OF CONSERVATION DESIGN.
PART II. COMPARISON BETWEEN TEST PERFORMANCE
AND COMPUTER PREDICTIONS USING A
THROUGH-PLAN ANALYSIS.0 TECHNICAL REPORT.
68 01393 NAT U

GT. BRIT. NATIONAL GAS TURBINE ESTABLISHMENT, |
PVESTOK, HANTS, ENGLAND. |
UNCOUPLED LONGITUDINAL STABILITY
AND CONTROL OF CIRCULATION CONTROLLED ROTOR
V-TOL. AIRCRAFT IN HOVER.0
68 01513 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT. |
FARNBOROUGH, HANTS, ENGLAND. |
ON HYPERSONIC CRUISING AIRCRAFT
WHICH CAN HAVE ALL LEADING EDGES SHARP.0
68 00059 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT. |
FARNBOROUGH, HANTS, ENGLAND. |
CIVIL AIRCRAFT AIRWORTHINESS DATA
RECORDING PRINCIPLES AND SPECIAL EVENTS OF AN
OPERATIONAL NATURE /FEBRUARY 1966 TO DECEMBER
1966/.0
68 00784 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
TESTS AT SUBSONIC AND SUPERSONIC SPEEDS ON
A LAMBERED WING WITH FLEXIBLE ENGINE
NACELLES AND TRAILING EDGE CONTROL.
OR 00740 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE CALCULATION OF AERODYNAMIC FORCES
AND PRESSURES ON WINGS ENTERING STEEP
GUSTS.
OR 00056 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE USE OF FLEXIBLE MODELS IN
AEROSPACE ENGINEERING.
OR 00060 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
COMPUTER PROGRAMMES TO CALCULATE
THE RESPONSE OF FLEXIBLE AIRCRAFT TO
GUSTS AND CONTROL MOVEMENTS.
OR 00061 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
GRADIENT PROPERTIES OF A MODEL OF
STATIONARY RANDOM TURBULENCE.
OR 00062 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
NOTE ON METHODS OF CALCULATING THE
PRESSURE DISTRIBUTION OVER THE SURFACE
OF TWO-DIMENSIONAL COMBERED WINGS.
OR 00063 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
TECHNIQUES FOR TESTS ON STRUCTURES
SUBJECT TO KINETIC HEATING.
OR 00164 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
NOTES ON THE SELECTION OF REFRIGERANTS
FOR AIRCRAFT VAPOR CYCLE COOLING SYSTEMS.
OR 00153 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
A NOTE ON TURBULENCE PROBLEMS
ASSOCIATED WITH TAKE-OFF AND LANDING.
OR 00154 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
A NUMERICAL METHOD FOR CALCULATING THE
DYNAMIC BEHAVIOUR OF A SIMPLE CATENARY
OVERHEAD CONTACT SYSTEM FOR ELECTRIC
RAILWAY TRACTION.
OR 00175 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
LOW SPEED WIND TUNNEL TESTS ON AN ALUMINUM
SWEEP WING SUBSONIC AIRCRAFT RESEARCH MODEL
WITH DUCTED ENGINE NOZZLES AND REAR
FLAPS FOR DECELERATION.
OR 00176 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
COMPRESSION SET PERMANENCE IN SELF-HEALING
NUMBERS.
OR 00257 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
AN EXPERIMENTAL INVESTIGATION OF THE
EFFECT OF PLANFORM SHAPE ON THE
LONGITUDINAL STABILITY OF A FLEXIBLE
SLENDER WING.
OR 00320 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
INVESTIGATION INTO A FUEL TANK
EXPLOSION CRITICALLY DANGEROUS
OR 00401 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
AN AUTO-SCANNING DATA SYSTEM FOR
AIRCRAFT AND WEAPON SYSTEMS.
OR 00402 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
SELF-ADHESIVE STRAIN GAUGES.
OR 00403 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
PERFORMANCE TESTS ON BRUSHLESS SYNCHROS.
OR 00408 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE REFRACTION OF SOUND BY A VORTEX.
OR 00409 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
LOW-SPEED WIND-TUNNEL TESTS ON THE EFFECTS
OF TAILPLANE AND NACELLE POSITION ON THE
SUPERSTALL CHARACTERISTICS OF TRANSPORT
AIRCRAFT.
OR 00410 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
PROPOSED TERMS FOR DESCRIBING SOME
PROPERTIES OF PHYSICAL SYSTEMS.
OR 00416 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE TRANSMISSION OF INFRARED RADIATION IN
FOG AND ITS APPLICATION TO THE TELEVISION
OR 00446 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
A METHOD OF INDICATING DISTANCE-TO-GO ALONG
A RUNWAY.
OR 00447 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
NOTES ON A VISIT BY A GROUP OF
INTERNATIONAL CONTINENTAL RESEARCH TO
COUNTING INSTALLATIONS.
OR 00450 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
NOTES ON A VISIT BY G. L. L. U. TO
INTERNATIONAL CONTINENTAL AIRPORTS TO
STUDY LIGHTING INSTALLATIONS. #
68 00449 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE TESTING OF AIRBORNE INERTIAL
NAVIGATION SYSTEMS. #
68 00461 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
REM-RESEARCH ON THE LOWERING OF WEATHER
MINIMA FOR LANDING OF AIRCRAFT. #
68 00466 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
CIVIL AIRCRAFT AIRWORTHINESS DATA
RECORDING PROGRAMME SPECIAL EVENTS OF
METEOROLOGICAL ORIGIN (JANUARY 1965 TO
DECEMBER 1965). #
68 00471 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE EFFECTS OF TRAILING VORTICES ON THE SAF
CAPACITY OF AIR ROUTES AND AIRPORTS. #
68 00472 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
A STUDY OF THE EFFECT OF TEMPERATURE AND
DEPTH OF DISCHARGE ON THE PERFORMANCE AND
CYCLE LIFE OF HERMETICALLY SEALED
NICKEL-ADAMUM CELLS. #
68 00484 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
LOW-SPEED MEASUREMENTS OF SKIN-FRICTION ON
A LARGE HALF-MODEL SLENDER WING. #
68 00485 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
ATMOSPHERIC TURBULENCE AND AIRCRAFT
HEIGHT-KEEPING ACCURACY. #
68 00491 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
CIVIL AIRCRAFT AIRWORTHINESS DATA RECORDING
PROGRAMME STUDY OF SEVERE TURBULENCE
ENCOUNTERED BY CIVIL AIRCRAFT. #
68 00496 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
AN INVESTIGATION INTO THE PROBLEM OF VALVE
STICKING ASSOCIATED WITH THE USE OF HIGH
TEMPERATURE HYDRAULIC FLUIDS. #
68 00497 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
MEASUREMENT OF THE MOTION OF PARKED AIRCRAFT
BY A PHOTOGRAPHIC METHOD. #
68 00498 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE TIME-VECTOR METHOD FOR LATERAL STABILITY
INVESTIGATIONS. #
68 00634 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE SPEED RESPONSE OF AN AIRCRAFT CONSTRAIN
TO FLY ALONG A STRAIGHT PATH IN THE PRESENCE O
TURBULENCE AT LOW ALTITUDE. #
68 00635 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE SUBCRITICAL RESPONSE AND FLUTTER
OF A SLENDER WING MODEL AIRCRAFT. #
68 00643 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
MEASUREMENT OF PRESSURES ON A DELTA
WING OSCILLATING IN HEAVE AT A HIGH ANGLE OF
INCIDENCE. #
68 00672 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
AN INCREMENTAL PHASE CHANGER FOR OFFSETTING
TIME AND FREQUENCY STANDARDS. #
68 00715 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
TYRE WEAR TESTS ON AN OPEN GRADED
MACADAM RUNWAY FRICTION COURSE. #
68 00723 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
AN EVALUATION OF SOME RAIN REPELLANTS FOR
AIRCRAFT GLASS WINDSCREENS. #
68 00735 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
AN EXPERIMENTAL S-BAND MULTI-BEAM ARRAY
BROAD BAND DIRECTION FINDING. #
68 00736 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
A RECEIVER TO TRACK A PHASE MODULATED VERY
LOW FREQUENCY CARRIER. #
68 00737 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE COMPARATIVE INTEGRITY OF DOWNWIND
AND UPWIND LOCALISERS. #
68 00744 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
OMEGA THE PHASE MODULATION TECHNIQUE OF
RESOLVING AMBIGUITIES FLIGHT TRIAL TO BARBADOS
AUGUST 1966. # TECHNICAL REPORT.
68 00745 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
PROPERTIES AND APPLICATIONS OF A CLASS
OF AUTOM WING CIRCULAR-ARC PROFILES. #
68 00746 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
REDUCTION OF THE ROLLING MOVEMENTS OF
SLENDER WING MODELS BY THE APPLICATION OF
FULL-AND PART-SPAN ANMEDRAL.0
68 00747 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
A SIMULATOR INVESTIGATION OF THE PROBLEMS
OF VISUAL TAXI-GUIDANCE IN LOW VISIBILITIES.0
TECHNICAL REPORT.
68 00915 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
THE PROPAGATION OF SONIC BANGS IN A
NONHOMOGENEOUS STILL ATMOSPHERE.0 PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
68 01036 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
PREDICTION OF AIRCRAFT FLYING QUALITIES BY
FLIGHT SIMULATORS AND OTHER METHODS, WITH
FLIGHT COMPARISONS.0 PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, AUGUST 24-28,
1964.
68 01040 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
THE QUEST FOR MECHANICAL RELIABILITY IN
AIRCRAFT.0 PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, AUGUST 24-28, 1964.
68 01043 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
THE TESTING OF SUPERSONIC TRANSPORT
STRUCTURES IN FATIGUE.0 PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
68 01046 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
STUDY OF BROAD-BAND AMPLITUDE-COMPARISON
METHODS FOR ACCURATE MICROWAVE DIRECTION
FINDING IN A SECTION.0
68 01058 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
FOL DISPERSAL OVER AIRPORT RUNWAYS BY A
MECHANICAL METHOD.0
68 01152 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
AN ANALOGUE COMPUTER FOR ON-LINE CORRECTION
OF WIND TUNNEL FORCE AND MOMENT DATA.0
68 01102 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
AIRBORNE RECORDING OF I. L. S.
TRANSMISSIONS FROM A NUMBER OF EUROPEAN
INSTALLATIONS.0
68 01103 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
A BRIEF COMPARATIVE STUDY OF THE EFFECT OF
ADVANCES IN TECHNOLOGY ON THE PERFORMANCES
OF LAMINAR-FLOW AND CONVENTIONAL SUBSONIC
TRANSPORT AIRCRAFT.0
68 01304 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
AN ANALYSIS OF SOME MAJOR FACTORS INVOLVED
IN NORMAL TAKE-OFF PERFORMANCE.0
68 01305 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
ADDITIONAL NOTES ON COST ASSUMPTIONS FOR
LAMINAR-FLOW AND CONVENTIONAL SUBSONIC
TRANSPORT AIRCRAFT.0
68 01306 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
THE LANDING RESPONSE OF A SLENDER WING
MODEL AIRCRAFT.0
68 01307 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
FLIGHT MEASUREMENTS OF WING-TIP VORTEX
WILLOW NEAR THE GROUND.0
68 01308 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
INTERFEROMETRIC MONITORING OF AUTOMATIC
LANDING USING THE AIRCRAFT RADIO ALTIMETER AS
THE TRANSMITTING SOURCE.0
68 01309 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
PROPOSAL FOR THE UNAMBIGUOUS DISPLAY OF
A QUANTITY OVER A WIDE RANGE BY MEANS OF
CONTRA-MOVING POINTER AND SCALE.0 TECHNICAL
REPORT.
68 01344 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
PLANE SUBCRITICAL FLOW PAST A LIFTING
AIRFOIL.0 TECHNICAL REPORT.
68 01395 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
AIRCRAFT LOADING ACTIONS PROBLEMS-
PROCEEDINGS OF A SYMPOSIUM HELD AT
FARNBOROUGH, OCTOBER 28, 1966.0 TECHNICAL
REPORT.
68 01396 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
THE LONGITUDINAL CHARACTERISTICS OF
THREE SLENDER -MIG OIG- WINGS AT MACH
NUMBERS FROM 0.4 TO 2.00 TECHNICAL REPORT.
68 01397 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, I
FARNBOROUGH, HANTS, ENGLAND. I
TESTS AT M=1.02 ON AN ENGINE INSTALLATION
WITH BOUNDARY LAYER DIVERTER FOR A SLENDER
GOthic WING.0 TECHNICAL REPORT.
68 01398 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE EFFECT OF COMBINED BOUNDARY-LAYER
SOLUTION AND BASED UPON THE DRAG OF A 10
DEGREE CONE AT $M=2.56$.# TECHNICAL REPORT.
68 01977 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
TRANSIENT AND STEADY STATE ANALYSIS OF
INVERTER SUPPLIED INDUCTION MOTORS.#
TECHNICAL REPORT.
68 01900 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
THE DESIGN OF OPTIMUM STRUCTURES OF
SPECIFIED BASIC CONFIGURATION.#
68 01901 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
SUMMARY OF LOW-SPEED WIND-TUNNEL TESTS OF A
WING FILLED WITH MULTIPLE LIFTING FANS.#
68 01902 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
PROGRAMMES FOR ANALYSING THE SHORT TAKE-OFF
PERFORMANCE OF DEFLECTED-JET AIRCRAFT.#
68 01903 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
FALSE ALARM AND FALSE DISMISSAL
PROBABILITIES FOR A RADAR SEARCHING A WIDE
INTERVAL OF RANGE.#
68 01904 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
A CLASS OF TWO-DIMENSIONAL FLOWS WITH
HEAT ADDITION.#
68 01905 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
INSERTION LOSS MEASUREMENT TO ASSESS THE
PERFORMANCE OF A MICROPHONE SWITCHING DIODE.#
68 01906 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
MILITARY HYDRAULIC ARRESTER GEAR (HAG) TESTS
TO INVESTIGATE THE EFFECT OF INSTALLING A GEAR
WITH A SPLIT DISTANCE OF TWO FEET.#
68 01907 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
JET EFFECTS MEASURED ON THE TAILPLANE OF
THE PHOTON IN THE SUPersonic
WIND TUNNEL.#
68 01910 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
ELECTRON GUIDANCE CHARACTERISTICS
FOR VARYING TRANSMITTER POSITIONS AND
TRANSMITTED PULSE LENGTHS IN CLIFFERSON
PROTECTED LCL.#
68 01911 NAT U

GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT, |
FARNBOROUGH, HANTS, ENGLAND. |
STUDIES OF TRAFFIC PACKING FOR
ESTIMATING MID-AIR COLLISION RISKS OVER THE
NORTH ATLANTIC.# TECHNICAL REPORT.
68 01912 NAT U

GT. BRIT. ROYAL RADAR ESTABLISHMENT, MALVERN |
WORCS, ENGLAND. |
THE EFFECT OF ATMOSPHERIC REFRACTION
ON THE ACCURACY OF RADAR HEIGHT MEASUREMENTS.#

GT. BRIT. ROYAL RADAR ESTABLISHMENT, MALVERN, |
WORCS, ENGLAND. |
DETERMINATION OF SATELLITE ROTATION
PARAMETERS FROM OBSERVATIONS OF SPECULAR
REFLECTION TIMING.#
68 00411 U

GT. BRIT. SIGNALS RESEARCH AND DEVELOPMENT |
ESTABLISHMENT, CHRISTCHURCH, HANTS, ENGLAND. |
AN ASSESSMENT OF THE LONG TERM SEMICONDUCTOR
REQUIREMENTS FOR STATIC POWER CONVERSION
EQUIPMENT.#
68 00606 NAT U

GUEDEY, F. E. |
EYE-MOVEMENT AND SUBJECTIVE TURNING
RESPONSES TO VARIOUS DURATIONS OF ANGULAR
ACCELERATION.# PART VI.
68 00695 NAT U

GUEDEY, F. E., JR. |
CROSS-VALIDATION OF A BRIEF VESTIBULAR
DISORIENTATION TEST ADMINISTERED BY A
VARIETY OF PERSONNEL.#
68 00944 NAT U

GUEDEY, F. E., JR. |
RESPONSES FROM THE LATERAL AND THE VERTICAL
CANALS TO TWO STIMULUS DIRECTIONS.# VOLUME I.
68 00946 R NAT U

GUEDEY, F. E., JR. |
RESPONSES TO LATERAL CANAL STIMULI OF
VARIOUS ACCELERATIONS.# VOLUME II.
68 00947 R NAT U

GUEDEY, F. E., JR. |
TWO DEVICES FOR ANALYSIS OF NYSTAGMUS.#
68 00954 NAT U

GUENTHER, M. A. |
BASIC SHAPES FOR AEROSPACE STRUCTURES.#
PHASE II SUPPLEMENT. UTILIZATION POTENTIAL.
68 00016 NAT U

GUENTHER, M. A. |
BASIC SHAPES FOR AEROSPACE STRUCTURES.#
PHASE III. DEVELOPMENT OF PRELIMINARY
SPECIFICATIONS.
68 00554 NAT U

GURRIS, J. A. |
AIRCRAFT DESIGNERS HANDBOOK FOR TITANIUM
AND TITANIUM ALLOYS.#
68 00733 NAT U

GUYETT, P. R. |
THE USE OF FLEXIBLE MODELS IN
AEROSPACE ENGINEERING.#
68 00080 NAT U

- GUYETT, P. R.]
THE SUBCRITICAL RESPONSE AND FLUTTER
OF A SLENDER WING MODEL AIRCRAFT.#
68 00643 NAT U
- GHYNNI-VAUGHAN, K. M. 1/1T.]
A CASE STUDY ANALYSIS OF AIR LOGISTICS
COMMAND MANAGEMENT OF GROUND COMMUNICATIONS-
ELECTRONICS-METEOROLOGICAL PROGRAMS.#
THESIS.
68 00886 NAT U
- HAAS, J. A.]
ACTUAL VS. IDEAL TIME ALLOCATIONS REPORTED
BY MANAGERS - A STUDY OF MANAGERIAL BEHAVIOR.#
68 00443 NAT U
- HABEGGER, M. A.]
HOLOGRAPHIC HEAD-UP DISPLAY.# PHASE I.
68 00538 NAT U
- HADDOX, J.]
RADAR BRIGHT DISPLAY EQUIPMENT
TEST SET GROUP.# FINAL REPORT.
68 01522 R NAT U
- HAENER, J.]
INVESTIGATION OF MICROMECHANICAL BEHAVIOR
OF FIBER REINFORCED PLASTICS.# FINAL REPORT
/14 JUNE 1966 TO 14 MARCH 1967/.
68 01122 NAT U
- HALE, R. W.]
EXPERIMENTAL STUDY OF PILOT VISIBILITY
FROM A VTOL AIR/SEA CRAFT NEAR THE OCEAN
SURFACE.#
68 00393 NAT U
- HALEY, J. L., JR.]
CRASH SURVIVAL DESIGN GUIDE.#
68 01250 NAT U
- HALL, A. W.]
FLIGHT INVESTIGATION OF PERFORMANCE
CHARACTERISTICS DURING LANDING APPROACH
OF A LARGE PORTRED-LIFT JET TRANSPORT.#
68 00305 NAT U
- HALL, E. W.]
A STUDY OF AIR FORCE FLIGHT SIMULATOR
PROGRAMS.#
68 00188 NAT U
- HALL, G. W.]
DEFENSE PROCUREMENT AND PUBLIC
UTILITY REGULATION.#
68 00275 NAT U
- HALL, G. W.]
AIRCRAFT CO-PRODUCTION AND PROCUREMENT
STRATEGY.#
68 00276 NAT U
- HALL, G. W.]
EXPERIMENTAL INVESTIGATIONS OF
UNMANNED-JET SUPPRESSION FORCES FOR VTOL
AIRCRAFT PREPARED SITES.# FINAL TECHNICAL
REPORT /DECEMBER 1966 TO DECEMBER 1967/.
68 01166 NAT U
- HALL, G. R.]
FULL-SCALE GROUND PROXIMITY INVESTIGATION
OF A VTOL FIGHTER MODEL AIRCRAFT.#
68 01262 NAT U
- HALL, G. W.]
IN-FLIGHT EVALUATION OF LATERAL-
DIRECTIONAL HANDLING QUALITIES FOR THE
FIGHTER MISSION.#
68 00381 NAT U
- HALL, M.]
SOME THEORETICAL STUDIES CONCERNING
DUL DAMPING CHARACTERISTICS.#
68 00404 U
- HALL, M.]
THE LANDING RESPONSE OF A SLENDER WING
MODEL AIRCRAFT.#
68 01307 NAT U
- HALL, L. P.]
LARGE-SCALE WIND-TUNNEL INVESTIGATION
OF A V/STOL TRANSPORT MODEL WITH WING-
MOUNTED LIFT FANS AND FUSELAGE-MOUNTED
LIFT-CRUISE ENGINES FOR PROPULSION.#
68 00100 NAT U
- HAMILTON, W. A.]
A TECHNIQUE FOR DETERMINING AN
INDEX OF VISUAL ALERTNESS FROM THE
ELECTROENCEPHALOGRAM.# PHASE REPORT.
68 00963 NAT U
- HAMILTON, W. A.]
A QUANTITATIVE IMPEDANCE PNEUMOGRAPH.#
PHASE REPORT.
68 00965 NAT U
- HAMILTON, W. A.]
A PERSONAL FM/FM BIOTELEMETRY SYSTEM.#
PHASE REPORT.
68 00967 NAT U
- HAMILTON, W. F.]
SPECIFICATION FOR HYDRAULIC FLUID, HIGH
TEMPERATURE, SUPERSONIC FLIGHT VEHICLE.#
68 00255 NAT U
- HAMILTON, W. F., DR.]
HYDRAULIC FLUID SELECTION AND DEVELOPMENT.#
68 00530 NAT U
- HAMMERLE, K. J.]
TARGET RESOLUTION IMPROVEMENT FROM
FREQUENCY AGILITY.#
68 00223 NAT U
- HAMPTON, D.]
CIVIL AND MILITARY AIRFIELDS.# PART I.,
VOLUME I.
68 00867 NAT U
- HAMPTON, D.]
PAVEMENT UPGRADING FOR THE KC-135.#
PART II, VOLUME I.
68 00868 NAT U
- HAMPTON, D.]
CIVIL AND MILITARY AIRFIELDS.# VOLUME I,
PART I.
68 00926 NAT U

HANSHURF, A. A.:
AN EXPERIMENTAL 3-DIM. MULTI-BEAM ARRAY
BROAD BAND DIRECTION FINDING.
OR 00710 NAT U

HANSON, H. L.:
INTEGRATED COCKPIT RESEARCH
PROGRAM. VOLUME 1. FINAL REPORT.
OR 00060 NAT U

HANSON, H. L.:
INTEGRATED COCKPIT RESEARCH PROGRAM.
VOLUME II. FINAL REPORT.
OR 00067 NAT U

HANSON, H. L.:
INTEGRATED COCKPIT RESEARCH PROGRAM.
OR 00119 NAT U

HANSON, H. L.:
INTEGRATED COCKPIT RESEARCH PROGRAM.
APPENDIX II.
OR 00140 NAT U

HANEY, D. G.:
THE ECONOMIC FEASIBILITY OF PASSENGER
HYDROFOIL CRAFT IN U. S. DOMESTIC AND
FOREIGN COMMERCIAL.
OR 01276 NAT U

HANGEN, W. J.:
FIELD ARTILLERY GUIDED MISSILE SYSTEM.
OR 00705 NAT U

HANEY, W. J.:
AN ANALYSIS OF THE HELICOPTER HEIGHT
SENSITIVITY DIAGRAM INCLUDING A PRACTICAL METHOD
FOR ITS DETERMINATION. FINAL REPORT.
OR 00837 NAT U

HARLING, U.:
NATIONALE FOR SELECTION AND EVALUATION
OF VTOL AIRCRAFT LANDING GEAR CONFIGURATIONS
FOR SOFT SOIL OPERATION.
OR 01496 NAT U

HANUING, W. B.:
A 100 AM 2-25 MC/S DISTRIBUTED
AMPLIFIER, DESIGNED FOR USE WITH 10 AM
IONOSPHERIC SOUNDERS.
OR 00230 NAT U

HARLAN, W. R. JR.:
CONSTITUTIONAL AND ENVIRONMENTAL FACTORS
RELATED TO SERUM LIPID AND LIPOPROTEIN
LEVELS.
OR 00940 NAT U

HARLAN, W. R. JR.:
TRENDS IN SYSTOLIC BLOOD PRESSURE IN THE
THOUSAND AVIATOR COHORT OVER A TWENTY-FOUR-
YEAR PERIOD.
OR 00945 NAT U

HARPER, R. F.:
RELIABILITY SCREENING AND STEP-STRESS
TESTING OF DIGITAL-TYPE MICROCIRCUITS.
OR 00364 NAT U

HARRIS, C. M.:
LIFE DISTRIBUTIONS DERIVED FROM
STOCHASTIC HAZARD FUNCTIONS.
OR 00714 NAT U

HARRIS, C. M.:
HUMAN EQUILIBRIUM DURING ACOUSTIC
SIMULATION BY DISCRETE FREQUENCIES.
OR 01550 NAT U

HARRIS, J. C.:
ANALYSIS OF REPRODUCIBILITY AND
REPEATABILITY OF WEARING-LUBRICANT DEPOSITION
RATINGS. SUMMARY TECHNICAL REPORT /MARCH
1965 TO SEPTEMBER 1967.
OR 01070 NAT U

HARRIS, J. C.:
INVESTIGATION AND ANALYSIS OF AIRCRAFT
FUEL EMULSIONS. FINAL REPORT /15 JUNE
1966 TO 14 JUNE 1967.
OR 01137 NAT U

HARRIS, T. J.:
MULOGRAPIIC HEAD-UP DISPLAY. PHASE I.
OR 00530 NAT U

HARRISON, A.:
BIBLIOGRAPHY ON AUTOMATION AND
TECHNOLOGICAL CHANGE AND STUDIES OF THE
FUTURE.
OR 01105 NAT U

HARRISON, H. I.:
MOUNTAIN WAVE EXPOSURE ON JET ROUTES
OF NORTHWEST AIRLINES AND UNITED AIR
LINES.
OR 00542 NAT U

HARROLD, T. W.:
TURBULENCE IN CLEAR AIR NEAR
THUNDERSTORMS.
OR 00605 NAT U

HARRY DIAMOND LABS., WASHINGTON, D. C.:
DESIGN OF A SMALL COMPACT WIDEBAND
ANTENNA.
OR 00352 NAT U

HARRY DIAMOND LABS., WASHINGTON, D. C.:
MEASUREMENT OF ELECTROSTATIC CHARGE ON
AIRCRAFT.
OR 01080 NAT U

HART, J. L.:
C-5A FLIGHT CONTROL REPORT /AEROSPACE
VEHICLE. VOLUME I.
OR 00355 NAT U

HARTHURST, J. W.:
ULTRASONOGRAPHIC CHANGES DURING
INTRALUMBAR INJECTIONS.
OR 00936 NAT U

HARTMAN-HUYCK SYSTEMS CO. HUNTINGTON STATION,
LONG ISLAND, N. Y.:
MULTICOLOR LL DISPLAY DEVELOPMENT.
OR 00004 NAT U

HARTMAN, G. U. PHD.:
APPLICATION OF TIME AND WORKLOAD ANALYSIS
TECHNIQUES TO TRANSPORT FLYERS.
OR 00670 NAT U

HARTMAN, L.:
BEACON RANGE ALTI MONITOR SYSTEM/
ALBUQUERQUE. FINAL REPORT.
OR 01460 NAT U

AUTHOR INDEX

04/01* 1

HARVARD UNIV., CAMBRIDGE, MASS. |
CONJUGATE GRADIENT METHODS WITH AN
APPLICATION TO V/STOL FLIGHT-PATH
OPTIMIZATION.#
68 00591 NAT U

HARVARD UNIV., CAMBRIDGE, MASS. CRUFT LAB. |
A METHOD OF OBTAINING THE IMPEDANCE OF AN
ANTENNA IN A DISSIPATIVE MEDIUM FROM THAT IN
AIR. # SCIENTIFIC INTERIM REPORT.
68 01219 NAT U

HARVARD UNIV., CAMBRIDGE, MASS. ECONOMIC
RESEARCH PROJECT. |
THE STUDY OF TRANSPORTATION REQUIREMENTS
USING NATIONAL AND MULTIREGIONAL INPUT-OUTPUT
TECHNIQUES.#
68 01280 NAT U

HARVEY, B. |
SST-PHASE II-C HYDRAULIC SYSTEM PIPING
AND CONNECTION METHODS PROGRAM.#
68 00529 NAT U

HARVEY, M. |
SINGLE CHANNEL MONOPULSE TECHNIQUES.#
FINAL REPORT.
68 00216 NAT U

MASHEN, J. S. |
ANALYTICAL STUDY TO DETERMINE
OPTIMUM DESIGN CRITERIA OF NON-SERVO
FLAP CONTROLLED ROTORS.# FINAL
REPORT.
68 00391 NAT U

MASS, M. S. |
EFFECT OF EXTREME CONDITIONS ON THE
BEHAVIOR OF LUBRICANTS AND FLUIDS.#
68 00620 NAT U

HATCHER, O. M. |
THE INPUT ADMITTANCE OF A RECTANGULAR
APERTURE ANTENNA LOADED WITH A DIELECTRIC
PLUG.#
68 00814 NAT U

HAIRY, M. P. |
STATISTICAL COST ESTIMATING RELATIONSHIPS
SOME BASIC ISSUES /AIRCRAFT EXAMPLES/.#
68 00266 NAT U

HANTHORNE, R. E. |
DEVELOPMENT OF LOCALIZER AND GLIDE SLOPE
CLEARANCE TRANSMITTERS.# FINAL REPORT.
68 01238 NAT U

HAYDUM, G. W. |
TECHNICAL CONSIDERATIONS IN THE
SELECTION OF FREQUENCIES FOR COMMUNICATION
WITH VIA AND BETWEEN SPACE VEHICLES.#
68 00145 NAT U

HAZUNY, D. |
ANISOTROPIC MEDIA AND NETWORK SYNTHESIS.#
FINAL REPORT.
68 00576 NAT U

MALD, J. M. |
THE MAKING UP TEST THESAURUS OF
ENGINEERING AND SCIENTIFIC TERMS.#
61 00360 NAT U

MEATH, C. E. |
FUEL CELL FUEL STUDIES.#
68 00460 NAT U

HEBENSTREIT, L. V. |
INVESTIGATION OF PYROTECHNIC GENERATED
GAS DISCHARGE FIRE EXTINGUISHING SYSTEM.#
FINAL REPORT.
68 01270 NAT U

HECKER, M. H. L. |
COMPARISONS BETWEEN SUBJECTIVE RATINGS ON
AIRCRAFT NOISE AND VARIOUS OBJECTIVE MEASURES
.#
68 01346 NAT U

HEID, T. L. |
DESIGN STUDY AND MODEL STRUCTURES TEST
PROGRAM TO IMPROVE FUSELAGE CRASHWORTHINESS.#
FINAL REPORT.
68 00572 NAT U

HEIM, C. W. |
ARRAY BEAM SWITCHING STUDY.# FINAL REPORT
/SEPTEMBER 1967/.
68 01063 NAT U

HELFINSTINE, R. F. |
PILOT-IN-THE-LOOP SIMULATION STUDY OF
DIRECT LIFT CONTROL.# VOLUME III. FINAL REPORT
/MARCH 1967 TO FEBRUARY 1968/.
68 01263 NAT U

HELFINSTINE, R. F. |
A DIRECT LIFT CONTROL SYSTEM FOR FLIGHT
TEST IN THE F-104.# VOLUME III. FINAL REPORT
/MARCH 1967 TO FEBRUARY 1968/.
68 01264 NAT U

HELFINSTINE, R. F. |
PRELIMINARY DESIGN OF DIRECT LIFT
CONTROLS.# VOLUME I.
68 01266 NAT U

HEMINGWAY, J. L. |
MAINTAINABILITY CONCEPT DEVELOPMENTS FOR
CATEGORY II LANDING SYSTEMS.#
68 00432 U

HENDERSON, J. |
ATC CONCEPTS FOR SUPERSONIC VEHICLES.#
PART II-2. INTERIM REPORT.
68 00181 NAT U

HENDERSON, M. M. |
EVALUATION OF INFORMATION SYSTEMS -
A SELECTED BIBLIOGRAPHY WITH INFORMATIVE
ABSTRACTS.#
68 00236 NAT U

HENRICH, R. C. |
ARMY ADVANCED APC STUDY.# PHASE I,
FINAL REPORT /1 MARCH TO 1 NOVEMBER 1965/.
68 01286 NAT U

HENRICH, C. B. |
PERFORMANCE FLIGHT TESTING THEORY.#
68 01173 NAT U

HENLEY, R. G. |
AUTOLANDING - A REVIEW OF PROGRESS TOWARDS
LOWER WEATHER MINIMUM OPERATIONS.#
68 01281 NAT U

- HENNY, L. J. |
HYDRODYNAMICS OF AIRCRAFT TIRE
HYDROPLANING.0
68 01416 NAT U
- HENNY, G. |
PROCEDURES FOR ESTIMATING THE EFFECTS OF
DESIGN AND OPERATIONAL CHARACTERISTICS OF JET
AIRCRAFT ON GROUND NOISE.0
68 01424 NAT U
- HENSHAW, L. J. |
DETERMINATION OF ENGINE/PROPELLER
OPERATING ENVELOPE AND DEVELOPMENT OF A LANDING
PATTERN FOR C-131A/S AIRCRAFT WITH MULTIPLE/
TIAL PROPELLERS IN FIXED PITCH.0
68 00512 NAT U
- HEPPL, H. K. |
STRUCTURAL DESIGN PHILOSOPHY FOR THE
SUPERSONIC TRANSPORT.0 PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1966.
68 01053 NAT U
- HERBERT, P. V. |
INVESTIGATION ON AN EXPERIMENTAL
SINGLE-STAGE TURBINE OF CONSERVATION DESIGN.
PART III: COMPARISON BETWEEN TEST PERFORMANCE
AND COMPUTER PREDICTIONS USING A
THROUGH-FLOW ANALYSIS.0 TECHNICAL REPORT.
68 01393 NAT U
- HERGET, W. F. |
INVESTIGATION AND EVALUATION OF ASH/ASH
PERFORMANCE MONITOR.0 FINAL REPORT.
68 01181 R NAT U
- HERMANN, P. C. |
HIGH PERFORMANCE STRUCTURES.0
68 00992 NAT U
- HERNANDEZ, V. J. |
HUMAN FACTORS PREDICTION VALIDATION.0
FINAL REPORT.
68 00341 NAT U
- HERNDON, D. F. |
EVALUATION OF STALL BARRIER CONCEPT IN
T-34 AIRPLANE.0
68 00892 NAT U
- HERNEN AND CO., WASHINGTON, D. C. |
SYSTEM DESIGN EVALUATION AND COSTING-- IN
PLAIN ENGLISH.0
68 00125 NAT U
- HENNER, S. |
SYSTEM DESIGN EVALUATION AND COSTING-- IN
PLAIN ENGLISH.0
68 00125 NAT U
- HERN, E. A. |
TECHNIQUES FOR THE CONTROL OF
INTEGRATED CIRCUIT QUALITY AND
RELIABILITY.0 VOLUME II APPENDICES.
68 00193 NAT U
- HERN, E. A. |
TECHNIQUES FOR THE CONTROL OF
INTEGRATED CIRCUIT QUALITY AND RELIABILITY.0
VOLUME I.
68 00194 NAT U
- HERKUN, W. C. |
SERVICE EVALUATION OF AIRCRAFT EXPERIMENTAL
FASTENERS.0 FINAL SUMMARY TECHNICAL REPORT
/1 NOVEMBER 1964 TO 1 SEPTEMBER 1967/.
68 01073 NAT U
- HERSCH, M. |
HYDROGEN-OXYGEN CHEMICAL REACTION
KINETICS IN ROCKET ENGINE COMBUSTION.0
68 00303 NAT U
- HERBERGER, M. |
FOG PREDICTION USING CONDENSATION NUCLEI
AND POTENTIAL GRADIENT.0
68 00658 NAT U
- HICKEY, D. M. |
LARGE-SCALE WIND-TUNNEL INVESTIGATION
OF A MODEL WITH AN EXTERNAL JET-AUGMENTED
FLAP.0
68 00308 NAT U
- HICKS, R. M. |
SOME EFFECTS OF MACH NUMBER AND
GEOMETRY ON SONIC BLOW.0
68 00020 NAT U
- HIERING, W. A. |
FRICTION EFFECTS OF RUNWAY GROOVES.
RUNWAY 16-30 WASHINGTON NATIONAL AIRPORT.0
FINAL REPORT.
68 01515 R NAT U
- HIGGINS, E. A. |
THE EFFECTS OF BODY THERMAL STATE ON
MANUAL PERFORMANCE.0
68 01473 R NAT U
- HILBERMAN, O. |
NETWORKS WITH UNITY-GAIN VOLTAGE AMPLIFIERS
68 00574 NAT U
- HILBERS, O. M. |
EXPERIMENTAL DEVELOPMENT OF DYNAMIC
STATIC DISCHARGE SYSTEM FOR LARGE JET
AIRCRAFT.0 TECHNICAL FINAL REPORT /JULY
1966 TO AUGUST 1967/.
68 01147 NAT U
- HILL, A. B. |
EVALUATION OF THE BELL MODEL 206A
/JETRANGER/ LIGHT TURBINE-POWERED HELICOPTER.0
68 00502 NAT U
- HILL, D. M. |
APPROACHES TO THE MODAL SPLIT - INTERCITY
TRANSPORTATION.0
68 00540 NAT U
- HINUS, O. |
FREQUENCY CODED THRESHOLD LOGIC UNIT FOR
PATTERN RECOGNITION APPLICATION.0
68 00848 NAT U
- HINK, G. M. |
COMPUTER PROGRAM DESCRIPTION.0 VOLUME II.
68 01124 NAT U
- HINTERKESER, E. G. |
SUBJECTIVE RESPONSE TO SYNTHESIZED FLIGHT
NOISE SIGNATURES OF SEVERAL TYPES OF V/STOL
AIRCRAFT.0
68 01417 NAT U

AUTHOR INDEX

04/010 1

HIRSH, N. B. |
 XV-9A HOT CYCLE RESEARCH AIRCRAFT
 PROGRAM.0 SUMMARY REPORT.
 68 00500 NAT U

HISCOP, M. G. |
 TACTICAL INSTRUMENT LANDING SYSTEM STUDY.0
 68 01311 NAT U

HITCHCOCK, L., JR. |
 CREW PLACEMENT WITHIN THE P3 SERIES ASH
 AIRCRAFT.0 PHASE REPORT.
 68 00961 NAT U

HITCHCOCK, S. T. |
 PARKING GUIDE FOR CITIES.0
 68 01008 NAT U

HITE, J. G. |
 MAINTAINABILITY AND RELIABILITY OF
 AIRCRAFT SYSTEMS.0
 68 00424 U

HITEMP HIRES CO., WESTBURY, N. Y. |
 SUPERCONDUCTING HIGH VOLTAGE DELAY
 LINE.0
 68 00041 NAT U

HIXSON, W. C. |
 A TORQUE MOTOR SERVOACTUATOR FOR VESTIBULAR
 APPLICATION.0
 68 00930 NAT U

HIXSON, W. C. |
 THE CORIOLIS ACCELERATION PLATFORM - A
 UNIQUE VESTIBULAR RESEARCH DEVICE.0
 68 00431 NAT U

HIXSON, W. C. |
 A HEAD RESTRAINT DEVICE FOR VESTIBULAR
 STUDIES.0
 68 00936 NAT U

HIXSON, W. C. |
 KINEMATICS NOMENCLATURE FOR PHYSIOLOGICAL
 ACCELERATIONS.0 WITH SPECIAL REFERENCE TO
 VESTIBULAR APPLICATIONS.
 68 00459 NAT U

HIXSON, W. C. |
 INSTRUMENTATION FOR MEASUREMENT OF
 VESTIBULAR-SIGNIFICANT FORCES IN HELICOPTERS.0
 68 01205 NAT U

HIXSON, W. C. |
 A INERTIAL ACCELEROMETER MODULE FOR
 VESTIBULAR APPLICATION.0
 68 01207 NAT U

HUBER, R. A. |
 LARGE-SCALE WIND-TUNNEL INVESTIGATION
 OF A VERTICAL TRANSPORT MODEL WITH WING-
 MOUNTED LIFT PANS AND FUSELAGE-MOUNTED
 LIFT-CRUISE ENGINES FOR PROPULSION.0
 68 00100 NAT U

HUBBIS, F. M. |
 PROJECT HICAT AN INVESTIGATION OF
 HIGH ALTITUDE CLEAR AIR TURBULANCE.0
 VOLUME I.
 68 00379 NAT U

HUBBIS, F. M. |
 PROJECT HICAT AN INVESTIGATION OF HIGH
 ALTITUDE CLEAR AIR TURBULANCE.0
 68 00513 NAT U

HUBBIS, F. M. |
 PROJECT HICAT AN INVESTIGATION OF HIGH
 ALTITUDE CLEAR AIR TURBULANCE.0 VOLUME III.
 APPENDICES IX AND X.
 68 00610 NAT U

HOCHBERG, J. |
 CONTOUR DESCRIPTOR PROPERTIES OF
 VISUAL SHAPE.0
 68 00324 NAT U

HOCHREITER, F. C. |
 DEVELOPMENT OF TRANSMISSOMETER CALIBRATION
 TECHNIQUES AND DEVICES.0 PHASE I, INTERIM
 REPORT.
 68 01198 R NAT U

HODGES, J. D., JR. |
 DOD USER-NEEDS STUDY. PHASE II.0
 VOLUME III.
 68 00453 NAT U

HODY, G. L. |
 THE MEASUREMENT OF THE EXHAUST COMPOSITION
 OF SELECTED HELICOPTER ARMAMENT.0
 68 00960 NAT U

MOEFFEL, J. C., LT. |
 A STUDY OF INTEGRATED ENGINE INSTRUMENT
 REQUIREMENTS.0 FINAL REPORT.
 68 00367 NAT U

HOENNE, J. C. |
 A STUDY OF TURBOFAN-ENGINE COMPRESSOR-
 NOISE-SUPPRESSION TECHNIQUES.0
 68 01422 NAT U

HOENER, R. F. |
 LOADS REQUIREMENTS FOR AEROSPACE
 VEHICLE STRUCTURES.0
 68 00189 NAT U

HOFFMAN, L. G. |
 NEW APPROACHES TO HUMAN-PILOT/VEHICLE
 DYNAMIC ANALYSIS.0
 FINAL REPORT /MARCH 1966 TO JUNE 1967.
 68 01111 NAT U

HUGAN, U. |
 ADVANCED AUTOMATIC FLIGHT CONTROL SYSTEM
 STUDY.0 FINAL REPORT.
 68 00546 NAT U

HUGAN, J. P. |
 TAILORING OF HIGH DENSITY POLYETHYLENE FOR
 HIGH SPEED WIRE COATINGS.0
 68 00800 NAT U

HUBBIS, J. C., DR. |
 CRITICAL REQUIREMENTS AND DIMENSIONS IN
 THE EVALUATION OF AIR TRAFFIC CONTROL
 PERFORMANCE.0
 68 01233 NAT U

HOLLAND, GOVERNMENT PSYCHOLOGICAL SERVICE, THE HAGUE. I
CRITICAL REQUIREMENTS AND DIMENSIONS IN
THE EVALUATION OF AIR TRAFFIC CONTROLLER
PROFICIENCY.0
68 01233 NAT U

HOLLINS, G. I
VORTAC PERFORMANCE IN A SNOW AND ICE
ENVIRONMENT.0 FINAL REPORT.
68 00566 NAT U

HOLLA, E. I
PRECISION VOR PVRK /M/ MONITOR HANDBOOK.0
VOLUME III.
68 00611 NAT U

HOLLA, E. I
PRECISION FOR DEVELOPMENT AND FLIGHT TEST
PROGRAM.0 VOLUME I. FINAL REPORT
68 00783 NAT U

HOLT, J. I
COMPUTER/SIMULATION STUDY OF
AIR DERIVED SEPARATION ASSURANCE SYSTEMS IN
MULTIPLE AIRCRAFT ENVIRONMENT.0 THIRD INTERIM
REPORT.
68 01524 R NAT U

HONAKER, J. S. I
CATEGORY II PERFORMANCE TEST ON THE CH-53
HELICOPTER.0 FINAL REPORT.
68 01176 NAT U

HONAKER, J. S.0 MAJ. I
TRI-SERVICE EVALUATION OF THE CANADIAN
CL-84 TILT-WING V/STOL AIRCRAFT.0
68 00136 NAT U

HONEYWELL INC. SYSTEMS AND RESEARCH DIV.0 I
MINNEAPOLIS. I
DISPLAY REQUIREMENTS STUDY FOR HELICOPTER
IFR FORMATION FLIGHT.0
68 00573 NAT U

HONEYWELL, INC. MINNEAPOLIS. I
DISPLAY AND CONTROL REQUIREMENTS STUDY FOR
V/STOL TACTICAL AIRCRAFT.0 VOLUME I. ANALYSES
68 00601 NAT U

HONEYWELL, INC. RESEARCH DIV.0 ST PAUL. I
LOW FREQUENCY ELECTRIC FIELD
CHARACTERISTICS OF CLEAN AIR TURBULENCE.0
68 00130 NAT U

HONEYWELL, INC. SYSTEMS AND RESEARCH DIV.0 I
MINNEAPOLIS. I
EXPERIMENTAL EVALUATION OF A FORMATION
FLIGHT SYSTEM.0
68 01440 NAT U

HONEYWELL, INC.0 MINNEAPOLIS. I
DEVELOPMENT AND FLIGHT TESTING OF
A FLUIDIC FLIGHT CONTROL SYSTEM.0
68 00226 NAT U

HONEYWELL, INC.0 MINNEAPOLIS. I
ARMY ADVANCED AFCS STUDY.0 PHASE II.
FINAL REPORT. BOOK I.
68 00774 NAT U

HONEYWELL, INC.0 MINNEAPOLIS. I
ARMY ADVANCED AFCS STUDY.0 PHASE II.
FINAL REPORT. BOOK II.
68 00775 NAT U

HONEYWELL, INC.0 MINNEAPOLIS. I
PILOT-IN-THE-LOOP SIMULATION STUDY OF
DIRECT LIFT CONTROL.0 VOLUME II. FINAL REPORT
/MARCH 1967 TO FEBRUARY 1968/.
68 01263 NAT U

HONEYWELL, INC.0 MINNEAPOLIS. I
A DIRECT LIFT CONTROL SYSTEM FOR FLIGHT
TEST IN THE F-104.0 VOLUME III. FINAL REPORT
/MARCH 1967 TO FEBRUARY 1968/.
68 01264 NAT U

HONEYWELL, INC.0 MINNEAPOLIS. I
PRELIMINARY DESIGN OF DIRECT LIFT
CONTROLS.0 VOLUME I.
68 01266 NAT U

HONEYWELL, INC.0 MINNEAPOLIS. I
ARMY ADVANCED AFCS STUDY.0 PHASE I.
FINAL REPORT /1 MARCH TO 1 NOVEMBER 1963/.
68 01265 NAT U

HOPKINS, H. R. I
PROPOSED TRANS FOR DESCRIBING SOME
PROPERTIES OF PHYSICAL SYSTEMS.0
68 00616 U

HOPKINS, H. R. I
NOTES OF A VISIT BY H. L. E. U. TO
INTERNATIONAL CONTINENTAL AIRPORTS TO STUDY
LIGHTING INSTALLATIONS.0
68 00668 NAT U

HOPKINS, H. R. I
PROPOSAL FOR THE UNAMBIGUOUS DISPLAY OF
A QUANTITY OVER A WIDE RANGE BY MEANS OF
CONTRA-MOVING POINTER AND SCALE.0 TECHNICAL
REPORT.
68 01594 NAT U

HOPKINS, H. R. I
HARKIN HANO CROSS-CORRELATION ANALYSIS OF
FLUCTUATING PRESSURES BENEATH A TURBULENT
BOUNDARY LAYER.0
68 00495 NAT U

HOPNEY, G. R. I
REAL TIME DIGITAL PHASE SHIFTERS UTILIZING
4-PORT SINGLE-JUNCTION LATCHING CIRCULATORS.0
68 00612 NAT U

HORNE, W. R. I
REVIEW OF CAUSES AND ALLEVIATION OF LOW
TIRE TRACTION ON WET RUNWAYS.0
68 00617 NAT U

HORNYAK, S. J. I
EFFECTIVENESS OF DISPLAY SUBSYSTEM
MEASUREMENT AND PREDICTION TECHNIQUES.0
68 00001 NAT U

HORONOFF, R. D. I
THE NOISINESS OF TONES PLUS NOISE.0
68 01294 NAT U

AUTHOR INDEX

06/010 1

MUSHOVSKY, A. G. |
SELECTIVE DISSEMINATION OF INFORMATION IN
PRACTICE - SURVEY OF OPERATIONAL AND
EXPERIMENTAL SDI SYSTEMS.0
68 01236 NAT U

MOUGHTON, J. R. |
VOLTAGE RATIO DETECTOR FOR
MILLIVOLT SIGNALS.0
68 00232 NAT U

MOUGHTON, W. W. |
DEVELOPMENT OF LOW COST INERTIAL
GYRO.0
68 00165 NAT U

MOWARD UNIV., WASHINGTON, D. C. DEPT. OF |
ECONOMICS. |
MILITARY TRANSFER OF TECHNOLOGY.0
68 00396 NAT U

MUNDEN, D. G. |
AIRCRAFT DESIGNERS HANDBOOK FOR TITANIUM
AND TITANIUM ALLOYS.0
68 00733 NAT U

MUNE, D. R. |
DEVELOPMENT OF SOLID STATE DISPLAY CONTROL
CIRCUITRY.0 TECHNICAL REPORT /SEPTEMBER 1966
TO JULY 1967/.
68 01269 NAT U

MOWELL, B. D. |
ELECTROLUMINESCENT AIRFIELD LIGHTING
SYSTEM.0 FINAL REPORT.
68 00445 NAT U

MURPHY, C. S. |
REPORT ON GENERATION AND PROPAGATION OF
SONIC BOOM.0
68 90840 NAT U

MURPHY, C. W. |
AEROSPACE FLUID COMPONENT DESIGNERS
HANDBOOK.0 VOLUME I, REVISION B.
68 00045 NAT U

MURPHY, C. J. |
CONTAMINATION CONTROL PRINCIPLES.0
68 00207 NAT U

MURPHY, P. J. |
OUT-OF-THE-ECLIPSE-PLANE PROBE MISSION
IMPLYING ELECTRIC PROPULSION.0
68 00018 NAT U

HUBBARD, M. H. |
NOISE AND SONIC BOOM CONSIDERATIONS IN THE
OPERATION OF SUPERSONIC AIRCRAFT.0 PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COMMITTEE OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
68 01017 NAT U

MURPHY, P. |
STRESS INTENSITY FACTORS FOR A
CRACK PROPAGATING ALONG A SERIES OF EQUALLY
SPACED HOLE.0
68 01006 NAT U

HUGHES AIRCRAFT CO. MICROWAVE LAB., CULVER |
CITY, CALIF. |
WAVEGUIDE SLOT ARRAY DESIGN.0
TECHNICAL MEMORANDUM NO. 348.
68 01013 NAT U

HUGHES AIRCRAFT CO., CULVER CITY, CALIF. |
RADC RELIABILITY.0 VOLUME II.
68 00047 NAT U

HUGHES AIRCRAFT CO., CULVER CITY, CALIF. |
STUDY OF APPLICATION OF ANTENNA
OPTIMIZATION TECHNIQUES.0
68 00387 NAT U

HUGHES AIRCRAFT CO., CULVER CITY, CALIF. |
DEVELOPMENT OF THREE IMPROVED PRIMARY
FLIGHT CONTROLLER DESIGNS.0 FINAL TECHNICAL
REPORT/DRAFT/, 1 MAY 1967 - 1 MAY 1968.
68 01488 NAT U

HUGHES AIRCRAFT CO., FULLERTON, CALIF. |
ACCELERATED TESTING TECHNOLOGY.0 VOLUME I,
FINAL REPORT /FEBRUARY 1966 TO JULY 1967/.
68 01065 NAT U

HUGHES AIRCRAFT CO., FULLERTON, CALIF. |
ACCELERATED TESTING TECHNOLOGY.0
VOLUME II, FINAL REPORT /FEBRUARY 1966 JULY
1967/.
68 01067 NAT U

HUGHES TOOL CO., CULVER CITY, CALIF. |
XV-9A HOT CYCLE RESEARCH AIRCRAFT
PROGRAM.0 SUMMARY REPORT.
68 00900 NAT U

HUGHES, P. |
RADAR AND THE FORECASTER.0
68 00980 NAT U

HUNN, C. R., JR. |
SUPERSONIC UNSTEADY AERODYNAMICS FOR
WINGS WITH TRAILING EDGE CONTROL SURFACES
AND FOLDED TIPS.0 FINAL REPORT,
68 01486 NAT U

HUMAN ENGINEERING LABS., ABERDEEN PROVING |
GRAND, ME. |
AIRCRAFT INSTRUMENT PANEL PLACEMENT.0
68 00126 NAT U

HUMAN FACTORS RESEARCH, INC., SUITE, CALIF. |
VISUAL DETECTION OF POSITIVE VS NEGATIVE
PIPS ON A RADAR PPI.0 TECHNICAL MEMORANDUM.
68 01002 NAT U

HUNT, P. W. |
SUPERSONIC TRANSPORT ATC SIMULATION
TRIAL.0
68 00000 NAT U

HUNT, M. J. |
PERFORMANCE EVALUATION OF A 25,000-TO
55,000 POUND CAPACITY EXTRACTION SYSTEM
FOR THE C-130A AIRCRAFT.0
68 00327 NAT U

HUNT, P. A. |
AN ANALYSIS OF VON DATA FROM ONE TYPE OF
FOUR-ENGINE TURBOJET TRANSPORT AIRPLANE
DURING COMMERCIAL OPERATIONS.0
68 00756 NAT U

HUNTER, P. A. |
SUMMARY OF VON KATA CORRELATION OF THE TYPE
OF TWIN-ENGINE JET AIRPLANE DURING AIRLINE
OPERATIONS.#
68 00643 NAT U

HUNTING, A. W. |
EVALUATION OF HELICOPTER STAFF SCOUT UCA
OPERATIONS.#
68 01472 NAT U

HUNTLEY, E. I. |
THE LONGITUDINAL RESPONSE OF A
FLEXIBLE SLENDER AIRCRAFT TO TAIL
TUMBULENCE.#
68 00151 NAT U

HUNTLEY, M. S. JR. |
EFFECTS OF SIGNAL PATTERNING ON VISUAL
PERFORMANCE AND PHYSIOLOGICAL RESPONSES.#
TECHNICAL REPORT.
68 00958 NAT U

HUNTON, L. W. |
SOME EFFECTS OF TAIL NUMBER ON
GEOMETRY ON SONIC BOOM.#
68 00020 NAT U

HURT, G. J. JR. |
ANALYSIS OF HUMAN RESPONSE IN COMPLEX
CONTROL TASKS.#
68 00638 NAT U

MUTCHESON, J. M. |
ERROR SENSITIVITY ASSOCIATED WITH
ORBITAL HYPERBOLIC-NAVIGATION SCHEMES AND A
SUGGESTED APPROACH FOR IMPROVEMENT.#
68 00024 NAT U

MUTCHINS, S. F. |
INVESTIGATION OF PRECISION ANTENNA PATTERN
RECORDING AND DISPLAY TECHNIQUES.# PHASE III.
68 01316 NAT U

MUTTON, D. B. |
POPSI PROJECT.#
68 01107 NAT U

MUTTON, D. B. |
POPSI PROJECT.#
68 01108 NAT U

MYATT, J. S. |
TRANSMISSION LINE PARAMETER MEASUREMENTS -
STANDING WAVE IMPEDANCE PROBLEM.#
68 00323 NAT U

HYDRONAUTICS, INC., LAUREL, MD. |
AN ANALYSIS OF PERFORMANCE ESTIMATION
METHODS FOR AIRCRAFT.#
68 00170 NAT U

HYDRONAUTICS, INC., LAUREL, MD. |
THE HYDRODYNAMIC CHARACTERISTICS OF HIGH
SPEED HYDROFOILS.# PRESENTED AT THE IAS
TWENTY-NINTH ANNUAL MEETING, NEW YORK, JANUARY
23, 24 AND 25, 1961.
68 01018 NAT U

ILIFF, R. L. |
LASER ACTIVITIES AND BACKGROUND
RADIATION STUDIES.#
68 00086 NAT U

ILLINOIS INST. OF TECH., CHICAGO. IIT RESEARCH |
INST. |
ANALYSIS OF FIELD TESTS ON SUBGRADE SOILS.#
68 00505 NAT U

ILLINOIS INST. OF TECH., CHICAGO. IIT RESEARCH |
INST. |
INTRODUCTION AND RESULTS OF INITIAL
PHASES.#
68 00507 NAT U

ILLINOIS INST. OF TECH., CHICAGO. IIT RESEARCH |
INST. |
CIVIL AND MILITARY AIRFIELDS.# PART I.
VOLUME I.
68 00507 NAT U

ILLINOIS INST. OF TECH., CHICAGO. IIT RESEARCH |
INST. |
MOVEMENT UPGRADING FOR THE KC-135.#
PART III, VOLUME I.
68 00508 NAT U

ILLINOIS INST. OF TECH., CHICAGO. IIT RESEARCH |
INST. |
CIVIL AND MILITARY AIRFIELDS.# VOLUME I.
PART II.
68 00508 NAT U

ILLINOIS INST. OF TECH., CHICAGO. IIT RESEARCH |
INST. |
HIGH PERFORMANCE STRUCTURES.#
68 00512 NAT U

ILLINOIS UNIV., URBANA. |
THE IMPACT OF TRAFFIC ON RESIDENTIAL
PROPERTY VALUES AND RETAIL SALES IN
CHAMPAIGN-URBANA.#
68 01007 NAT U

ILLINOIS UNIV., URBANA. DEPT. OF ELECTRICAL |
ENGINEERING. |
A TECHNICAL REPORT ON THE INVESTIGATION OF
SELECTED FREQUENCY INDEPENDENT ARRAYS.#
TECHNICAL REPORT VIII.
68 01002 NAT U

ILLINOIS UNIV., URBANA. |
A LIMITED SCAN ANTENNA.#
68 00541 NAT U

ILLINOIS UNIV., URBANA. |
A STUDY OF THE MOVING FIGURE AND
OPERATION OF SYMBOLS ON PICTORIAL AIRCRAFT
INSTRUMENT DISPLAYS FOR NAVIGATION.#
68 00707 NAT U

ILLINOIS UNIV., URBANA. DEPT. OF ELECTRICAL |
ENGINEERING. |
RELATIONSHIPS BETWEEN CONTINUOUSLY SCALED,
PERIODIC AND LOG-PERIODIC STRUCTURES WITH
APPLICATIONS TO LOG-PERIODIC ANTENNAS.#
68 00440 NAT U

ILOTT, G. P. |
THE LONGITUDINAL CHARACTERISTICS OF
THICK SLENDER -MILD OGEE- WINGS AT MACH
NUMBERS FROM 0.4 TO 2.00 TECHNICAL REPORT.
68 01397 NAT U

IMVANTOV, I. M. |
ELECTRICITY OF THE FREE ATMOSPHERE.#
68 00224 NAT U

INFORMATICS, INC., BETHESDA, MD. |
A STUDY OF THE REMOTE USE OF COMPUTERS.0
68 00660 NAT U

INFORMATICS, INC., BETHESDA, MD. |
A STUDY OF THE REMOTE USE OF COMPUTERS.0
68 00665 NAT U

INSTITUTE FOR DEFENSE ANALYSES, SCIENCE AND
TECHNOLOGY DIV., WASHINGTON, D. C. |
NOTES ON CIVIL NAVIGATION AND TRAFFIC
CONTROL TECHNOLOGY.0
68 00269 NAT U

INSTITUTE FOR DEFENSE ANALYSES, SCIENCE AND
TECHNOLOGY DIV., WASHINGTON, D. C. |
NONLETHAL WEAPONS FOR USE BY U. S. LAW
ENFORCEMENT OFFICERS.0
68 00270 NAT U

INSTITUTE FOR DEFENSE ANALYSES, WASHINGTON, D. C. |
C. |
NETWORK TIMING FOR COMMUNICATION
SATELLITES.0
68 00227 NAT U

INSTITUTO NACIONAL DE TECNICA AEROSPACIAL, |
MADRID. |
SOME RESULTS IN SUPERSONIC COMBUSTION.0
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1966.
68 01051 NAT U

INTAN, G. P. |
OPERATIONAL STUDY OF PILOTS VISUAL
REQUIREMENTS.0 FINAL REPORT.
68 00878 NAT U

INTERAGENCY TASK GROUP ON TECHNOLOGICAL
FORECASTING IN THE FEDERAL GOVERNMENT. |
WASHINGTON, D. C. |
THE ROLE OF THE FEDERAL GOVERNMENT IN
TECHNOLOGICAL FORECASTING.0 SUMMARY REPORT.
68 00986 NAT U

INTERAGENCY TASK GROUP ON TECHNOLOGICAL
FORECASTING IN THE FEDERAL GOVERNMENT. |
WASHINGTON, D. C. |
THE ROLE OF THE FEDERAL GOVERNMENT IN
TECHNOLOGICAL FORECASTING.0
68 00987 NAT U

INTERNATIONAL BUSINESS MACHINES CORP., FEDERAL |
SYSTEMS DIV., LOS ANGELES. |
SYNERGISTIC NAVIGATION SYSTEM STUDY.0
PHASE II, FINAL REPORT
68 01064 NAT U

INTERNATIONAL BUSINESS MACHINES CORP., FEDERAL |
SYSTEMS DIV., RIVERVILLE, MD. |
IMPROVE AIR TRAFFIC CONTROL.0
PHASE I - 3D-10 STATE.
68 00074 NAT U

INTERNATIONAL BUSINESS MACHINES CORP., |
CAMBRIDGE, MASS. |
INVESTIGATION OF REFRACTORY DIELECTRICS
FOR INTEGRATED CIRCUITS.0
68 00626 NAT U

INTERNATIONAL BUSINESS MACHINES CORP., |
CAMBRIDGE, MASS. |
INVESTIGATION OF REFRACTORY DIELECTRICS FOR
INTEGRATED CIRCUITS.0
68 01083 NAT U

INTERNATIONAL BUSINESS MACHINES CORP., |
POUGHKEEPSIE, N. Y. |
MULTIGRAPHIC HEAD-UP DISPLAY.0 PHASE I.
68 00558 NAT U

INTERNATIONAL TELEPHONE AND TELEGRAPH CORP., |
ITT LABS., FT. WAYNE. |
BULK SEMICONDUCTOR CONTROL CIRCUITRY FOR
SOLID STATE DISPLAYS.0
68 00742 NAT U

INTERNATIONAL TELEPHONE AND TELEGRAPH CORP., |
NEW YORK. |
THE DEVELOPMENT OF A GLOBAL COMMUNICATIONS
SATELLITE SYSTEM.0 PRESENTED AT THE CAI-115
JOINT MEETING, MONTREAL, CANADA, OCTOBER 17,
18, 1966.
68 01016 NAT U

INTERNATIONAL TELEPHONE AND TELEGRAPH CORP., |
NEW YORK. |
FEASIBILITY OF A T.V. SATELLITE.0
PRESENTED AT THE IAS TWENTY-NINTH ANNUAL
MEETING, NEW YORK, JANUARY 23, 24 AND 25,
1961.
68 01020 NAT U

IRBY, R. |
DEVELOPMENT AND APPLICATION OF COST
EFFECTIVENESS EVALUATION PROCEDURES TO
SHIPBOARD ELECTRONIC EQUIPMENT AND SYSTEMS.0
68 00653 NAT U

IRELAND, F. H., PH.D. |
EXPERIMENTAL STUDY OF THE EFFECTS OF
SURROUND BRIGHTNESS AND SIZE ON VISUAL
PERFORMANCE.0 FINAL REPORT /1 MARCH 1966 TO
1 MARCH 1967.
68 01090 NAT U

IRVING, I. B. |
PRELIMINARY RESULTS OF THERMAL SHOCK
TESTS ON PRINTED WIRING.0
68 00624 NAT U

IRVING, S. |
EVALUATION OF FLAME ARRESTOR MATERIALS
FOR AIRCRAFT FUEL SYSTEMS.0
TECHNICAL REPORT.
68 00913 NAT U

IRVING, R. A. |
APPROACHES TO THE MODAL SPLIT INTERCITY
TRANSPORTATION.0
68 00340 NAT U

ISACS, G. |
TESTS AT SUBSONIC AND SUPERSONIC SPEEDS ON
A LAMBERED WING WITH FIN, UNDERPINNING FINING
NACELLES AND TRAILING EDGE CONTROL.
68 00740 NAT U

ISAKSON, G. |
DISCRETE-ELEMENT FOR THE
PLASTIC ANALYSIS OF STRUCTURES.0
68 00796 NAT U

AUTHOR INDEX

04/01* 1

- ISCA, J. A-1
INSTRUMENT FLIGHT SIMULATOR STUDY OF THE
VTOL CONTROLLABILITY - CONTROL POWER
RELATIONSHIP.0 PRESENTED AT THE NATIONAL
AMS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15, AND 16, 1961.
68 01024 NAT U
- ISMLINSKIY, A. Y-1
IDEAS OF THE INVARIANCE THEORY AND
INERTIAL NAVIGATION.0 TRANSLATION FROM
RUSSIAN.
68 00083 NAT U
- ISRAEL INST. OF TECH., RAFA, DEPT. OF
AERONAUTICAL ENGINEERING. 1
ESTIMATED BODY DIMENSIONS OF THE ADULT
MALE JEWISH POPULATION OF ISRAEL.0
68 01387 NAT U
- ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS,
JERUSALEM. 1
HEAT AND MASS TRANSFER.0 VOLUME 1.
68 00294 NAT U
- ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS,
JERUSALEM. 1
SPACECRAFT NAVIGATION.0 TRANSLATED FROM
RUSSIAN.
68 01235 NAT U
- ISRAEL, NATIONAL COUNCIL FOR CIVIL AVIATION. 1
SYMPOSIUM ON CIVIL AVIATION IN THE COMING
DECADE.0
68 01231 NAT U
- ITT FEDERAL LABS., FORT WAYNE, IND. 1
DEVELOPMENT OF SOLID STATE DISPLAY CONTROL
CIRCUITRY.0 TECHNICAL REPORT /SEPTEMBER 1966
TO JULY 1967/.
68 01265 NAT U
- ITT GILFILLAN, INC., LOS ANGELES. 1
TALAN ANTENNA TECHNIQUES.0 FINAL
REPORT /7 DECEMBER 1965 TO DECEMBER 1965/.
68 00901 NAT U
- IVERSEN, J. C-1
DATA-REDUCTION TECHNIQUE FOR THE
ANALYSIS OF NONLINEAR MOTION.0 RESEARCH
REPORT.
68 01498 NAT U
- IVINS, G. H-1
TELEVISION BROADCASTING FROM SATELLITES.0
PRESENTED AT THE NATIONAL AMS-IAS JOINT
MEETING, LOS ANGELES, CALIFORNIA, JUNE 13, 14,
15 AND 16, 1961.
68 01010 NAT U
- IZASHERILOV, A-1
AUTOMATION AND CYBERNETICS IN THE
MODERN ARMY.0 CHAPTER FOUR, TRANSLATION
FROM RUSSIAN.
68 00174 NAT U
- JABLONSKI, Y. J-1
FULL-SCALE FIRE MODELING TEST STUDIES
OF LIGHT WATER AND PROTEIN TYPE FOAMS.0
68 00167 NAT U
- JACKSON, C. T., JR-1
A PILOTTED SIMULATOR STUDY OF TAKEOFF
PERFORMANCE AND HANDLING QUALITIES OF A
DOUBLE-DELTA SUPERSONIC TRANSPORT.0
68 00667 NAT U
- JACKSON, R. F-1
AN EVALUATION OF FOUR AIRSPEED INDICATOR
DISPLAYS.0
68 00863 NAT U
- JACOBS, L. D-1
A FINITE ELEMENT ANALYSIS OF SIMPLE
PANEL RESPONSE TO TURBULENT BOUNDARY LAYERS.0
68 00514 NAT U
- JACOBS, W. H-1
HYDRODYNAMICS OF AIRCRAFT TIRE
HYDROPLANING.0
68 01416 NAT U
- JACOBSON, F. H., PH.D-1
FURTHER OBSERVATIONS ON CHRONIC DEFICITS
OF TEMPERATURE REGULATIONS PRODUCED IN CATS
BY PREOPTIC LESIONS.0
68 00968 NAT U
- JACOBSON, H. I-1
COST EFFECTIVE PROVISIONING OF MAINTENANCE
SUPPORT ELEMENTS.0 PRESENTED AT THE IAS
THIRTY-FIRST ANNUAL MEETING, NEW YORK,
JANUARY 21, 22 AND 23, 1963.
68 01034 NAT U
- JAMES, P. W-1
FALSE ALARM AND FALSE DISMISSAL
PROBABILITIES FOR A RADAR SEARCHING A WIDE
INTERVAL OF RANGE.0
68 01404 NAT U
- JAMESON, W-1
COMPUTER/SIMULATION STUDY OF
AIR DERIVED SEPARATION ASSURANCE SYSTEMS IN
MULTIPLE AIRCRAFT ENVIRONMENT.0 THIRD INTERIM
REPORT.
68 01524 R NAT U
- JARLING, E. A-1
ESTABLISHMENT OF A COORDINATE INDEXING
RETRIEVAL SYSTEM FOR THE AIR FORCE MATERIALS
LABORATORY.0
68 01190 NAT U
- JEFFERSON, F. W-1
NIMBUS II VHF MULTIPATH INVESTIGATIONS.0
FINAL REPORT.
68 00836 R NAT U
- JEFFS, H. J-1
A SIMULATOR INVESTIGATION OF THE PROBLEMS
OF VISUAL TAXI-OUTDANCE IN LOW VISIBILITIES.0
TECHNICAL REPORT.
68 00715 NAT U
- JESPERSEN, J. C-1
SIGNAL DESIGN FOR TIME DISSEMINATION -
SOME ASPECTS.0
68 00240 NAT U
- JETTER, R-1
EVALUATION OF RELIABILITY PREDICTION
TECHNIQUES FOR ENTIRE FLIGHT CONTROL SYSTEMS.0
68 00743 NAT U

AUTHOR INDEX

04/01* 1

JEX, M. R.]
NEW APPROACHES TO HUMAN-PILOT/VEHICLE
DYNAMIC ANALYSIS.#
FINAL REPORT /MARCH 1966 TO JUNE 1967/.
68 01111 NAT U

JIUSTO, J. E.]
INVESTIGATION OF WARM FOG PROPERTIES AND
FOG MODIFICATION CONCEPTS.#
68 01420 NAT U

JOECKEL, C. T.]
PERFORMANCE EVALUATION OF COUNTER - DRUM
PINTER ALTIMETERS /MODIFIED COUNTER -
PINTER MC-2 AND MC-3 TYPES/.# FINAL
REPORT.
68 01164 NAT U

JOHANSSON, B.]
LIFTING-LINE THEORY FOR SUBSONIC SHEAR
FLOW.#
68 01390 NAT U

JOHN, R. R.]
ARC JET ENGINE PERFORMANCE - EXPERIMENT
AND THEORY II.# PRESENTED AT THE NATIONAL
ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
68 01023 NAT U

JOHNCOCK, M.]
AN AUTO-SCANNING DATA PROCESS FOR
AIRCRAFT AND WEAPON SYSTEMS.#
68 00402 U

JOHNS HOPKINS UNIV., SILVER SPRING, MD.]
APPLIED PHYSICS LAB.]
PRELIMINARY RESULTS OF THERMAL SHOCK
TESTS ON PRINTED WIRING.#
68 00024 NAT U

JOHNS HOPKINS UNIV., SILVER SPRING, MD.]
APPLIED PHYSICS LAB.]
THE TRANSIT DOPPLER TRACKING
STATION DIGITAL SYSTEM.#
A SUMMARY.
68 00025 NAT U

JOHNS HOPKINS UNIV., SILVER SPRING, MD.]
APPLIED PHYSICS LAB.]
NEGATIVE FEEDBACK IN SINGLE STAGE
JUNCTION TRANSISTOR AMPLIFIERS.#
68 00026 NAT U

JOHNSON, A. L.]
DIRECTIVE NON-ORIENTED REFLECTORS AS
PASSIVE SATELLITES IN LONG DISTANCE
COMMUNICATIONS.# PRESENTED AT THE NATIONAL
ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
68 01024 NAT U

JOHNSON, A. P.]
DETERMINATION OF ENGINE/PROPELLER
OPERATING ENVELOPE AND DEVELOPMENT OF A LANDING
PATTERN FOR C-133A/B AIRCRAFT WITH MULTIPLE/
TOTAL PROPELLERS IN FIXED PITCH.#
68 00512 NAT U

JOHNSON, D. L.]
FIELD APPRAISAL OF THE ADVANCED RADAR
TRAFFIC CONTROL SYSTEM /ARTIS/.# FINAL REPORT.
68 00314 NAT U

JOHNSON, M.]
SYNERGISTIC NAVIGATION SYSTEM STUDY.#
PHASE II, FINAL REPORT
68 01064 NAT U

JOHNSON, M. B.]
AIRCRAFT FUEL SYSTEMS DESIGN
STUDY.#
68 00160 NAT U

JOHNSON, M.]
FLAMING AND SELF-EXTINGUISHING
CHARACTERISTICS OF AIRCRAFT CABIN INTERIOR
MATERIALS.# FINAL REPORT.
68 01243 NAT U

JOHNSON, V. E., JR.]
THE HYDRODYNAMIC CHARACTERISTICS OF HIGH
SPEED HYDROFOILS.# PRESENTED AT THE IAS
TWENTY-NINTH ANNUAL MEETING, NEW YORK, JANUARY
23, 24 AND 25, 1961.
68 01010 NAT U

JOHNSON, M. A.]
PILOT DYNAMIC RESPONSE TO SUDDEN FLIGHT
CONTROL SYSTEM FAILURES AND IMPLICATIONS
FOR DESIGN.#
68 01275 NAT U

JOHNSTON, R. K.]
JET FUEL STABILITY AND EFFECT OF FUEL-SYSTEM
MATERIALS.#
68 00616 NAT U

JOINT ARMY-NAVY AIRCRAFT INSTRUMENT RESEARCH
COMMITTEE, WASHINGTON, D. C.]
BIBLIOGRAPHY OF TECHNICAL REPORTS OF THE
JOINT ARMY-NAVY AIRCRAFT INSTRUMENTATION
RESEARCH /JANAIR/ PROGRAM.#
68 01444 NAT U

JOINT ARMY-NAVY AIRCRAFT INSTRUMENTATION
RESEARCH COMMITTEE, WASHINGTON, D. C.]
EXPERIMENTAL EVALUATION OF A FORMATION
FLIGHT SYSTEM.#
68 01440 NAT U

JULI, W. D.]
FLOW CONTROL - AN INVESTIGATION OF A
TECHNIQUE FOR PREDICTING DEMAND AND SERVICE
AT THE TERMINAL FACILITY.# FINAL REPORT.
68 01449 NAT U

JONAS, G. M.]
DOUBLE SAMPLING FOR DESTRUCTIVE TESTING.#
68 00796 NAT U

JONES, C. M.]
EXPLORATORY DEVELOPMENT PROGRAM TO
PROVE THE FEASIBILITY OF SHIELD-STATE
SWITCHING FOR A COMPLEX ELECTRICAL CONTROL
NETWORK.#
68 00108 NAT U

JONES, G. M.]
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT PANELS.#
68 00942 NAT U

JONES, G. M.]
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT PANELS.#
68 00943 NAT U

JONES, G. W. I
RESEARCH ON THE FLAMMABILITY CHARACTERISTIC
OF AIRCRAFT FUELS.0
68 00625 NAT U

JONES, J. L. I
THE APERTURE ADMITTANCE OF A GROUND-PLANE-
MOUNTED WAVEGUIDE ILLUMINATING A PERFECTLY
CONDUCTING SHEET.0
68 00637 NAT U

JONES, J. W. I
GRADIENT PROPERTIES OF A MODEL OF
STATIONARY MAGNET TURBULENCE.0
68 00667 NAT U

JONES, J. W. I
THE SPLIT RESPONSE OF AN AIRCRAFT CONSTRAIN
TO FLY ALONG A STRAIGHT PATH IN THE PRESENCE OF
TURBULENCE AT LOW ALTITUDE.0
68 00635 NAT U

JONES, R. P. I
RELATIONSHIPS BETWEEN CONTINUOUSLY SCALED,
PERIODIC AND LOG-PERIODIC STRUCTURES WITH
APPLICATIONS TO LOG-PERIODIC ANTENNAS.0
68 00660 NAT U

JORGENSEN /MCC/ AND ASSOCIATES, BETHESDA, MD. I
EVALUATION OF CRITERIA FOR SAFETY
IMPROVEMENTS ON THE HIGHWAY.0
68 00657 NAT U

JOSEPHS, J. A. I
APPROACHES TO THE MODAL SPLIT - INTERCITY
TRANSPORTATION.0
68 00540 NAT U

JOVINE, G. L. I
EFFECTS OF PAVEMENT TEXTURE ON RLT-RUNWAY
DRAINING PERFORMANCE.0
68 00760 NAT U

JUDD, M. I
SOME CALCULATIONS OF THE TAKE-OFF BEHAVIOUR
OF A SLENDER-WING SUPERSONIC TRANSPORT DESIGN
CONSTRAINED TO FOLLOW A SPECIFIED
PITCH-ATTITUDE TIME HISTORY.0
68 00667 NAT U

KAITAKI, G. L. I
A METHOD FOR PREDICTING SHOCK SHAPES
AND PRESSURE DISTRIBUTIONS FOR A WIDE VARIETY
OF BLUNT BODIES AT LARGE ANGLE OF ATTACK.0
68 00645 NAT U

KAGAN, B. M. I
SOLVING ENGINEERING PROBLEMS BY DIGITAL
COMPUTER.0
68 00003 NAT U

KAIN, J. P. I
A MULTIPLE EQUATION MODEL OF
HOUSEHOLD LOCATION AND TRIPMAKING
BEHAVIOR.0
68 00144 NAT U

KAISEN, R. P. I
APPLICATION OF OPTIMAL CONTROL THEORY
TO VTOL FLIGHT CONTROL SYSTEM DESIGN.0
68 00173 NAT U

KALAGIAN, G. S. I
PUPSI PROJECT.0
68 01107 NAT U

KALAGIAN, G. S. I
PUPSI PROJECT.0
68 01106 NAT U

KALATUCKA, S. I
PERFORMANCE EVALUATION OF COUNTER - DRUM
PUNTER ALTIMETERS /MODIFIED COUNTER -
PUNTER MC-2 AND MC-3 TYPES/.0 FINAL
REPORT.
68 01164 NAT U

KALIL, F. I
OPTICAL AND MICROWAVE COMMUNICATIONS-A
COMPARISON.0
68 00634 NAT U

KALPAS, M. I
HEAVY-LIFT HELICOPTER 40,000-POUND-CAPACITY
EXTERNAL CARGO HANDLING SYSTEM, DESIGN STUDY.0
68 00762 NAT U

KAMAN AIRCRAFT CORP., BLOOMFIELD, CONN. I
ANALYTICAL STUDY TO DETERMINE
OPTIMUM DESIGN CRITERIA OF NON-SERVO
FLAP CONTROLLABLE ROTORS.0 FINAL
REPORT.
68 00341 NAT U

KAMAN AIRCRAFT CORP., BLOOMFIELD, CONN. I
THE ELASTIC BEHAVIOR OF ROTARY WINGS
IN FORWARD FLIGHT.0 FINAL REPORT,
VOLUME I - ANALYSIS.
68 00914 NAT U

KAMINICH, I. P. I
WAVEGUIDE SLOT ARRAY DESIGN.0
TECHNICAL MEMORANDUM NO. 348.
68 01013 NAT U

KAMINS, M. I
JET FIGHTER ACCIDENT/ATTRITION RATES IN
PEACETIME - AN APPLICATION OF RELIABILITY
GROWTH MODELLING.0
68 01120 NAT U

KANNEL, J. I
A STUDY OF THE INFLUENCE OF LUBRICANTS ON
HIGH-SPEED ROLLING-CONTACT BEARING
PERFORMANCE.0
68 00325 NAT U

KANUSKI, J. M. I
SPECTRUM SIGNATURE OF AN/APN-133 RADAR
ALTIMETER.0 FINAL REPORT.
68 00900 NAT U

KANSAS, UNIV., LAWRENCE. I
INVESTIGATION OF ELECTROCALORIC EFFECTS IN
FERROELECTRIC SUBSTANCES.0
68 01418 NAT U

KANTARGES, G. T. I
THE SHOCK EXPANSION TUBE AND ITS
APPLICATION AS A SONIC BOOM SIMULATOR.0
68 01423 NAT U

AUTHOR INDEX

04/01* 1

- KANTOR, A. J.]
CLUD DETECTION CAPABILITY OF OPERATIONAL
AN/TP-11 RADAR SETS DURING 1966-1967.#
68 01330 NAT U
- KARNUPP, D. C.]
COMPARATIVE STUDY OF OPTIMIZATION
TECHNIQUES FOR SHOCK AND VIBRATION
ISOLATION.# INTERIM SCIENTIFIC REPORT.
68 00880 NAT U
- KARSTEN, P.]
FIELD APPRAISAL OF THE ADVANCED
RADAR TRAFFIC CONTROL SYSTEM /ARTS/.#
APPENDIX TO THE FINAL REPORT.
68 00313 R NAT U
- KARSTEN, P.]
FIELD APPRAISAL OF THE ADVANCED RADAR
TRAFFIC CONTROL SYSTEM /ARTS/.# FINAL REPORT.
68 00314 R NAT U
- KATTAWAR, G. M.]
INFLUENCE OF PARTICLE SIZE DISTRIBUTION
ON REFLECTED AND TRANSMITTED LIGHT FROM
CLOUDS.#
68 00280 NAT U
- KATZ, E.]
A GUIDE TO THE METHOD OF CONFLICT
PREDICTION UNDER AND RULES AS IMPLEMENTED
IN THE ALE PROGRAM.# TECHNICAL MEMO.
68 00080 NAT U
- KATZ, E.]
AIRCRAFT KINEMATICS ROUTINE.#
68 00081 NAT U
- KATZMAN, J., JR.]
AUDIO AIDS TO BLIND FLYING AND A
SCORING DEVICE FOR THE LINK TRAINING.#
68 00244 NAT U
- KAUFMAN, L.]
UNIQUE DESCRIPTION PROPERTIES OF
VISUAL SHAPE.#
68 00324 NAT U
- KAY, E.]
COMPRESSION SET RESISTANCE IN SILICONE
RUBBER.#
68 00257 NAT U
- KEATING, M. P. A.]
MEASUREMENT OF PRESSURES ON A DELTA
WING OSCILLATING IN HEAVE AT A HIGH ANGLE OF
INCIDENCE.#
68 00672 NAT U
- KEIN, M. S.]
STUDY OF CONTACT FAILURES IN INTEGRATED
CIRCUITS.#
68 00010 NAT U
- KEMPF, W. T.]
LONGITUDINAL STABILITY AND CONTROL OF
LARGE SUPERSONIC AIRCRAFT AT LOW SPEEDS.#
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 29-30, 1966.
68 01034 NAT U
- KEIGO, I.]
A METHOD OF OBTAINING THE IMPEDANCE OF AN
ANTENNA IN A DISSIPATIVE MEDIUM FROM THAT IN
AIR.# SCIENTIFIC INTERIM REPORT.
68 01219 NAT U
- KELLER, J. D.]
NEW CONNECTOR DESIGN LOWERS COST OF
MILITARY CABLE ASSEMBLY PROCESSES.#
68 00864 NAT U
- KELLY, J. R.]
FLIGHT INVESTIGATION TO DETERMINE THE EFFECT
OF LONGITUDINAL CHARACTERISTICS ON LOW-SPEED
INSTRUMENT OPERATION.#
68 00128 NAT U
- KELLY, J. R.]
STUDY OF THE OPTIMUM VALUES OF SEVERAL
PARAMETERS AFFECTING LONGITUDINAL HANDLING
QUALITIES OF VTOL AIRCRAFT.#
68 01274 NAT U
- KELLY, K. F.]
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL-SURFACE CONFIGURATIONS IN
SUBSONIC FLOW.# PART 22, DIGITAL COMPUTER
PROGRAM. FINAL REPORT /JUNE 1966 TO SEPTEMBER
1967/.
68 01333 NAT U
- KENNEDY, R. S.]
THE EFFECT OF WATER IMMERSION ON
PERCEPTION OF THE OCULOGRAVIC ILLUSION IN
NORMAL AND LABYRINTHINE-DEFECTIVE SUBJECTS.#
68 00950 NAT U
- KENNETT, M.]
THE INVISCID HYPERSONIC FLOW ON THE
DOWNWARD SIDE OF A DELTA WING.# PRESENTED
AT THE IAS THIRTY-FIRST ANNUAL MEETING,
NEW YORK, JANUARY 21, 22 AND 23, 1963.
68 01031 NAT U
- KERLIN, V.]
ELECTRON FRACTOGRAPHY HANDBOOK SPECIFIC
APPLICATIONS OF ELECTRON FRACTOGRAPHY.#
68 00600 NAT U
- KERN, A. U.]
ON A CAUSE OF FAILURE OF HIGH ALTITUDE
PLASTIC BALLONS.# SCIENTIFIC INTERIM
REPORT.
68 01221 NAT U
- KERR, U. M.]
INVESTIGATION OF REFRACTORY DIELECTRICS
FOR INTEGRATED CIRCUITS.#
68 00626 NAT U
- KERR, U. M.]
INVESTIGATION OF REFRACTORY DIELECTRICS FOR
INTEGRATED CIRCUITS.#
68 01003 NAT U
- KESLER, J. J.]
AN EXAMINATION OF THE PROBLEMS OF
UNPREDICTABLE WING LOAD RELATIONSHIP AS A
GUIDE TO BETTER AIRCRAFT PERFORMANCE.#
68 0113 NAT U

AUTHOR INDEX

04/010 1

KITTEL, D. J. |
LOW-SPEED WIND-TUNNEL TESTS ON THE EFFECTS
OF TAILPLANE AND NACELLE POSITION ON THE
SUPERSTALL CHARACTERISTICS OF TRANSPORT
AIRCRAFT. #
68 00410 U

KLY, L. J. |
TIME MEAN TESTS ON AN OPEN CHANNEL
MALJAM KUNWAT FRICTION COEFFICIENT. #
68 00723 NAT U

KHANZHONOV, A. I. |
REDUCING AERODYNAMIC RESISTANCE ROLES
WITH ANNULAR RIBS AND RECESSES. # TRANSLATION
FROM RUSSIAN. #
68 00114 NAT U

KIDGE /WALTER/ AND CO., INC., HELLVILLE, N.Y. |
INVESTIGATION OF PYROTECHNIC GENERATED
GAS DISCHARGE FIRE EXTINGUISHING SYSTEM. #
FINAL REPORT. #
68 01171 NAT U

KIMBALL, L. H. |
CURRENT OPERATING AND STORAGE EFFECTS
ON ELECTRONIC EQUIPMENT AND PART
RELIABILITY. # FINAL REPORT. #
68 00040 NAT U

KIMZLY, J. H. |
FLAMMABLE AND TOXIC MATERIALS IN THE
OXYGEN ATMOSPHERE OF MANNED SPACECRAFT. #
68 01432 NAT U

KINAMAN, C. W. |
8-10 GHz LOW NOISE TWT AMPLIFIER. #
INTERIM REPORT/11 JANUARY TO 15 SEPTEMBER
1967. #
68 00095 NAT U

KING, D. E. |
CIVIL AIRCRAFT AIRWORTHINESS DATA
RECORDING PROGRAMME SPECIAL EVENTS OF
METEOROLOGICAL ORIGIN (JANUARY 1965 TO
DECEMBER 1966). #
68 00471 NAT U

KING, D. E. |
CIVIL AIRCRAFT AIRWORTHINESS DATA RECORDING
PROGRAMME STUDY OF SEVERE TURBULENCE
ENCOUNTERED BY CIVIL AIRCRAFT. #
68 00503 NAT U

KINNEY, P. T. |
THE IMPACT OF TRAFFIC ON RESIDENTIAL
PROPERTY VALUES AND RETAIL SALES IN
CHAMPAIGN-URBANA. #
68 01007 NAT U

KINSLON, P. |
THERMO-MOLECULAR PRESSURE EFFECTS IN TUBES
AND AT ORIFICES. #
68 01061 NAT U

KINSLON, W. E. |
EXPERIMENTAL STUDY OF THE EFFECTS OF
SURROUNDING BRIGHTNESS AND SIZE ON VISUAL
PERFORMANCE. # FINAL REPORT /1 MARCH 1966 TO
1 MARCH 1967. #
68 01090 NAT U

KIRBY, D. A. |
AN EXPERIMENTAL INVESTIGATION OF THE
EFFECT OF PLANFORM SHAPE ON THE SUBSONIC
LONGITUDINAL STABILITY CHARACTERISTICS OF
SLENDER WINGS. #
68 00320 NAT U

KIRBY, D. A. |
LOW-SPEED WIND-TUNNEL TESTS ON THE EFFECTS
OF TAILPLANE AND NACELLE POSITION ON THE
SUPERSTALL CHARACTERISTICS OF TRANSPORT
AIRCRAFT. #
68 00410 U

KIRBY, D. A. |
REDUCTION OF THE ROLLING MOVEMENTS OF
SLENDER WING MODELS BY THE APPLICATION OF
FULL-AND PART-SPAN ANNEAL. #
68 00747 NAT U

KIRK, J. V. |
LARGE-SCALE WIND-TUNNEL INVESTIGATION
OF A V-STOL TRANSPORT MODEL WITH WING-
MOUNTED FAN FANS AND FUSELAGE-MOUNTED
JET-ENGINE ENGINES FOR PROPULSION. #
68 00107 NAT U

KIRK, J. V. |
LARGE-SCALE WIND-TUNNEL INVESTIGATION
OF A MODEL WITH AN EXTERNAL JET-AUGMENTED
FLAP. #
68 00300 NAT U

KISILEWSKI, L. |
STABILITY AND CONTROL HANDBOOK FOR
HELICOPTERS. #
68 00454 NAT U

KISILEWSKI, L. |
INVESTIGATION OF PROPELLER SLIPSTREAM
EFFECTS ON WING PERFORMANCE. #
68 00005 NAT U

KISILEWSKI, L. |
INVESTIGATION OF THE DOWNWASH ENVIRONMENT
GENERATED BY V-STOL AIRCRAFT OPERATING
IN DOWNWASH EFFECT. # FINAL REPORT. #
68 01494 NAT U

KLAUS, C. E. |
FELTUS, LUBRICANTS, FUELS AND RELATED
MATERIALS. #
68 01315 NAT U

KLEIMAN, D. |
AN OPTIMAL CONTROL METHOD FOR PREDICTING
CONTROL CHARACTERISTICS AND DISPLAY
REQUIREMENTS OF MANNED-VEHICLE SYSTEMS. #
FINAL REPORT /1 JULY 1966 TO 31 AUGUST 1967. #
68 01224 NAT U

KLEIN, A. H. |
SIMULATOR INVESTIGATIONS OF SUPERSONIC
TRANSPORT OPERATING MARGINS, INSTRUMENT
PROCEDURES, HANDLING QUALITIES, AND
LONGITUDINAL STABILITY REQUIREMENTS. #
68 01326 NAT U

KLEMENTIS, A. |
SYNERGISTIC NAVIGATION SYSTEM STUDY. #
PHASE II, FINAL REPORT
68 01064 NAT U

AUTHOR INDEX

04/010 1

KLIMA, S. J. |
ULTRASONIC DETECTION AND MEASUREMENT
OF FATIGUE CRACKS IN NOTCHED SPECIMENS. #
68 01500 NAT U

KNELLER, P. G. |
SUPERSONIC TRANSPORT ATC SIMULATION
TRIAL. #
68 00388 NAT U

KNEPTON, J. C., JR. |
CENTRIFUGATION OF THE WHITE-FRONTED
CAPUCHIN MONKEY, CEBUS ALBIFRONS /HUMBOLDT/. #
68 00939 NAT U

KNEPTON, J. C., JR. |
EXPOSURE OF MAN TO LOW INTENSITY MAGNETIC
FIELDS IN A COIL SYSTEM. #
68 00952 NAT U

KNUDSEN, P. L. |
EMPENNAGE. # VOLUME II, PART I.
68 00884 NAT U

KOCHMOND, W. C. |
INVESTIGATION OF WARM FOG PROPERTIES AND
FOG MODIFICATION CONCEPTS. #
68 01420 NAT U

KUEPPEN, S., M. D. |
PERSONS INJURED BY LIGHTNING. #
68 00461 NAT U

KUENT, P., JR. |
DEVELOPMENT OF A FORM/FIBERGLAS,
VHF /50-500 MC/ DOUBLY RIGGED, LENS-CORRECTED
HORN ANTENNA. #
68 00702 NAT U

KUFSEY, M. G. |
PERFORMANCE EVALUATION OF A TWO-STAGE
AXIAL-FLOW TURBINE FOR TWO VALUES OF TIP
CLEARANCE. #
68 00489 NAT U

KURDISKII, V. M. |
RUSSIAN SILENT-FULL KICKETS. #
68 00297 NAT U

KUMHUSCH, F. C. |
MISSION CONTROL FUEL MANAGEMENT TECHNIQUES
FOR AIRCRAFT. #
68 00437 U

KUPP, C. G. |
RESEARCH AND INVESTIGATION OF ANALYTICAL
TECHNIQUES FOR PREDICTING RELIABILITY OF
FLIGHT CONTROL SYSTEMS AND COMPONENTS. #
68 00617 NAT U

KURDES, F. C. |
PRELIMINARY EVALUATION OF 10-70
AIRPLANE ENCOUNTERS WITH HIGH-ALTITUDE
TURBULENCE. #
68 00053 NAT U

KURR, C. G. |
INVESTIGATION OF SUSPECTED STRUCTURAL
DEFICIENCIES, JACKSONVILLE AND OTHER AIR
ROUTE TRAFFIC CONTROL CENTER BUILDINGS. #
REMANUJAN REPORT.
68 01457 NAT U

KORZEMBA, S. M. |
ELECTROMAGNETIC INSTRUMENTATION. #
VOLUME II, INTERIM REPORT.
68 01270 NAT U

KRAJICEK, J. J., JR., LT. COL. USAF |
CATEGORY II/III SYSTEMS EVALUATION. #
68 00813 NAT U

KROCHMAL, J. J. |
FIBER REINFORCED CERAMICS - A REVIEW
AND ASSESSMENT OF THEIR POTENTIAL. #
68 00510 NAT U

KROLL, J., JR. |
INITIAL VTOL FLIGHT CONTROL DESIGN CRITERIA
DEVELOPMENT-DISCUSSION OF SELECTED HANDLING
QUALITIES TOPICS-FIRST YEARLY REPORT. #
68 00676 NAT U

KRUNSON, E. T. |
SEMICONDUCTOR RELIABILITY. #
68 00137 NAT U

KRUPEN, P. |
MEASUREMENT OF ELECTROSTATIC CHARGE ON
AIRCRAFT. #
68 01068 NAT U

KRYTER, K. D. |
COMPARISONS BETWEEN SUBJECTIVE RATINGS ON
AIRCRAFT NOISE AND VARIOUS OBJECTIVE MEASURES
- #
68 01340 R NAT U

KRYTER, K. D. |
A PRELIMINARY STUDY OF THE AWAKENING AND
STARTLE EFFECTS OF SIMULATED SONIC BOOMS. #
68 01415 NAT U

KRYTER, K. D., DR. |
STARTLE REACTIONS OF PEOPLE TO SONIC
BOOMS. #
68 00911 NAT U

KRYUKOVA, M. G. |
ALUMINUM AS A HIGH-TEMPERATURE HEAT-
TRANSFER AGENT. # TRANSLATION FROM
RUSSIAN.
68 00084 NAT U

KRYZWOBLUCKI, Z. M. V. |
APPLICATION OF OPTIMIZATION TECHNIQUES TO
THE DESIGN AND OPERATION OF V/STOL AIRCRAFT. #
68 00752 NAT U

KSIENSEL, A. A. |
STUDY OF APPLICATION OF ANTENNA
OPTIMIZATION TECHNIQUES. #
68 00387 NAT U

KU, P. M. |
DEVELOPMENT OF A MICRO LUBRICANT DEPOSIT
TEST. #
68 00623 NAT U

KUBIAR, R. J. |
DEVELOPMENT OF LABORATORY MODEL
FATIGUE CRACK DETECTION DEVICE BASED ON
INFRARED TECHNIQUES. #
68 00364 NAT U

KUBIAK, L. J. |
MANUFACTURING METHODS DEVELOPMENT FOR THE
EVALUATION OF THIN AND ULTHIN SHEET
MATERIALS. # FINAL REPORT /16 JULY 1966 1U
15 JUNE 1967. #
68 01214 NAT U

KUCHIA, J. M. |
REVIEW OF IGNITION AND FLAMMABILITY PROPERT
OF LUBRICANTS. #
68 00578 NAT U

KUCHIA, J. M. |
EVALUATION OF FLAME ARRESTOR MATERIALS
FOR AIRCRAFT FUEL SYSTEMS. #
TECHNICAL REPORT. #
68 00013 NAT U

KUEHN, M. |
SUPERCONDUCTING HIGH VOLTAGE DELAY
LINE. #
68 00041 NAT U

KUGEL, C. P. |
UMIGA SYSTEM SYNCHRONIZATION. #
68 01317 NAT U

KUGLER, M. L. |
LANDING GEAR AND DRAG CHUTE SYSTEMS
XB-70A. # SUMMARY TEST REPORT. #
68 00444 NAT U

KUMN, D. M. |
ARRAY BEAM SWITCHING STUDY. # FINAL REPORT
/SEPTEMBER 1967. #
68 01063 NAT U

KUMN, P. |
RESIDUAL STRENGTH IN THE PRESENCE OF
FATIGUE CRACKS. # ADVISORY REPORT 11. #
68 00443 NAT U

KUMMEN, M. M. |
FIBER AND FINE FIBER. #
68 00344 NAT U

KUMPEISCH, M. C. |
STUDY OF LIQUID METAL NAK-77 FOR
APPLICATION IN FLIGHT CONTROL SYSTEMS. #
FINAL TECHNICAL REPORT. #
68 01467 NAT U

KURTZ, G. W. |
AN INVESTIGATION OF A WIDE BAND NOISE
GENERATOR. # FINAL REPORT. #
68 01214 NAT U

KUZMIN, G. A. |
AIRCRAFT ENGINE DESIGN. #
68 00767 NAT U

KYDD, G. M. |
THE GAS EXCHANGE OF ANIMALS EXPOSED TO
100 PERCENT OXYGEN AT ATMOSPHERIC PRESSURE. #
PROGRESS REPORT. #
68 00962 NAT U

KYDD, G. M., PH.D. |
LUNG CHANGES RESULTING FROM PROLONGED
EXPOSURE TO 100 PERCENT OXYGEN AT 550 MM HG. #
68 00975 NAT U

LA HAM, U. N. PH.D. |
REPORT ON AIRCRAFT TURBINE ENGINE
BIRUSTINE INVESTIGATIONS. #
68 00487 NAT U

LABURNUM FOR ELECTRONICS, INC. ELECTRONICS |
DIV., BOSTON. |
TACLAND STUDIES - TACTICAL INSTRUMENT
LANDINGS. #
68 01413 NAT U

LADD, D. M. |
AIRCRAFT GROUND-FLOTATION INVESTIGATION. #
PART I - BASIC REPORT. #
68 00555 NAT U

LAGERQUIST, U. M. |
A FINITE ELEMENT ANALYSIS OF SIMPLE
PANEL RESPONSE TO TURBULENT BOUNDARY LAYERS. #
68 00514 NAT U

LAUMANN, J. |
ATMOSPHERIC MAGNIFICATION OF SONIC BOOMS IN
THE WILLOWA TESTS. #
68 01591 NAT U

LAHAM, U. N. |
J79 BIRUSTINE MANUAL FOR INVESTIGATORS. #
68 00556 NAT U

LAKE, B. |
INSERTION LOSS MEASUREMENT TO ASSESS THE
PERFORMANCE OF A VHF/UHF SWITCHING DIODE. #
68 01406 NAT U

LALLY, R. |
MULTICOLOR LED DISPLAY DEVELOPMENT. #
68 00004 NAT U

LAMBLUTE, U. J. |
AIRFIELD PAVEMENT EVALUATION, USNAS
LOS ANGELES, CALIFORNIA. #
68 00366 NAT U

LAMBLUTE, D. J. |
AIRFIELD PAVEMENT EVALUATION, USNAS SEATTLE
WASHINGTON. #
68 00558 NAT U

LAMPAIN, B. A. |
NAVIGATION PERFORMANCE USING A HAND-HELD
SEXTANT TO MEASURE THE ANGLE BETWEEN A MOVING
FLASHING LIGHT AND A SIMULATED STAR. #
68 00840 NAT U

LANCASHIRE, T. |
HEAVY-LIFE HELICOPTER 40,000-POUND-CAPACITY
EXTERNAL CARGO HANDLING SYSTEM, DESIGN STUDY. #
68 00762 NAT U

LANDER, F. T. M. |
A VEHICLE FOR MEASURING THE SKIDDING
RESISTANCE OF ROADS AND RUNWAYS UNDER
HEAVY LOADING CONDITIONS. #
68 01004 NAT U

LANDGREBE, A. J. |
INVESTIGATION OF COMPOUND HELICOPTER
AERODYNAMIC INTERFERENCE EFFECTS. #
68 00691 NAT U

- LANDRUM, E. J. |
EFFECT OF SHAPE CHANGES ON THE
AERODYNAMIC CHARACTERISTICS OF A TWISTED AND
CAMBERED AIRWING AT MACH NUMBER 2.03.0
68 01502 NAT U
- LANE, N. E. |
THE K-COEFFICIENT, A PERSON-TYPE
SUBSTITUTE FOR THE CONTINGENCY COEFFICIENT.0
68 00426 NAT U
- LANE, N. E. |
THE RELATIONSHIP OF COLLEGE MAJOR TO
SUCCESS IN NAVAL AVIATION TRAINING.0
68 00427 NAT U
- LANE, N. E. |
THE RELATIONSHIP OF FIVE PERSONALITY
SCALES TO SUCCESS IN NAVAL AVIATION
TRAINING.0
68 00929 NAT U
- LANE, N. E. |
TRENDS IN SYSTOLIC BLOOD PRESSURE IN THE
THOUSAND AVIATOR COMORT OVER A TWENTY-FOUR-
YEAR PERIOD.0
68 00943 NAT U
- LANGDON, L. E. |
HUMAN FACTORS PREDICTION VALIDATION.0
FINAL REPORT.
68 00341 NAT U
- LAPPE, U. O. |
A PRELIMINARY EVALUATION OF THE F-100 ROUGH
RIDER TURBULENCE MEASUREMENT SYSTEM.0
68 00527 NAT U
- LAPPE, U. O. |
A CLIMATOLOGICAL-WIND TURBULENCE MODEL FOR
ESTIMATING LOW ALTITUDE GUST LOADS.0
68 00771 NAT U
- LARSON, J. C. |
ARMY ADVANCED AFCS STUDY.0 PHASE I,
FINAL REPORT /1 MARCH TO 1 NOVEMBER 1965/.
68 01686 NAT U
- LAUDERMAN, C. W. |
EQUATIONS AND DIGITAL PROGRAM FOR ANALYSIS
OF HANDLING QUALITIES OF GENERAL AVIATION
AIRCRAFT IN THE MIMI - AR, SLOW FLIGHT
DOMAIN.0
68 00828 NAT U
- LAUDERMAN, C. W. |
STUDIES CONDUCTED TO DETERMINE THE
INFLUENCE OF ADVERSE SLOW FLIGHT RESPONSE
CHARACTERISTICS ON FLIGHT SAFETY.0
TECHNICAL REPORT.
68 01183 NAT U
- LAVI, N. |
EXPERIMENTAL INVESTIGATIONS OF
GROUND-JET SUPPRESSION FENCES FOR VTOL
AIRCRAFT PREPARED SITES.0 FINAL TECHNICAL
REPORT /SEPTEMBER 1966 TO DECEMBER 1967/.
68 01166 NAT U
- LAVI, P. |
FUEL-TANK GROUND PROXIMITY INVESTIGATION
OF A VTOL FIGHTER TYPE AIRCRAFT.0
68 01267 NAT U
- LAVRINENKO, V. Y. |
HANDBOOK OF SEMICONDUCTOR DEVICES.0
68 00344 NAT U
- LEAHY, P. |
LOW COST DIGITAL DATA COMMUNICATIONS
LINK.0 FINAL TECHNICAL REPORT /JANUARY
1966 TO FEBRUARY 1968/.
68 01167 NAT U
- LEAR SIEGLER, INC. INSTRUMENT DIV., GRAND
RAPIDS. |
AN/AYA-4 LORAN-C HYPERBOLIC COORDINATE
CONVERTER SET.0 FINAL REPORT.
68 00507 NAT U
- LEAR SIEGLER, INC. INSTRUMENT DIV., GRAND
RAPIDS. |
INTEGRATION OF HIGH CONTRAST SOLID-STATE
DISPLAYS AND ADVANCED CONTROL CIRCUITRY.0
FINAL TECHNICAL REPORT /MARCH 1966 TO MAY
1967/.
68 01265 NAT U
- LEAR SIEGLER, INC., GRAND RAPIDS. |
AN/AYA-4 LORAN-C HYPERBOLIC COORDINATE
CONVERTER SET.0 FINAL REPORT.
68 00570 NAT U
- LEBALCZ, J. V. |
AN EXPERIMENTAL INVESTIGATION OF THE
LONGITUDINAL DYNAMIC STABILITY
CHARACTERISTICS OF FOUR-PROPELLER TILT-WING
VTOL MODEL.0
68 00779 NAT U
- LEDERER, P. S. |
LIFE CYCLING, TEST ON SEVERAL STRAIN
GAGE PRESSURE TRANSDUCERS.0
68 00242 NAT U
- LEE, N. K. |
SACCS/AUTODIN/TELETYPE INTERFACE /SATIN/
STUDY.0
68 00546 NAT U
- LEE, N. |
PROCEDURES FOR ESTIMATING THE EFFECTS OF
DESIGN AND OPERATIONAL CHARACTERISTICS OF JET
AIRCRAFT ON GROUND NOISE.0
68 01424 NAT U
- LEES, ENGLAND, UNIV. |
MICROWAVE NETWORKS WITH CONSTANT
DELAY.0
68 00331 NAT U
- LEFRANWITZ, N. |
TEST USE OF RESONANT DATA IN
HARVEST FORECAST PREPARATION.0
FINAL REPORT.
68 00312 NAT U
- LEHIGH UNIV., BETHLEHEM, PA. |
CABLE PROPAGATION THEORIES.0
68 00022 NAT U
- LEIDEN, J. |
BROADBAND B-BAND ALYSTIM.0 FINAL REPORT.
68 01066 NAT U

- LELAND, T. J. M. I
EFFECTS OF PAVEMENT TEXTURE ON RUT-HUNWAY
SKATING PERFORMANCE. 0
08 00760 NAT U
- LEMAN, R. A. J. I
AN EVALUATION OF CONFORMAL CONTACT GEARS. 0
FINAL TECHNICAL REPORT. 0
08 01251 NAT U
- LEMLY, C. E. I
BACKGROUND AND REVIEW OF STATE OF
THE ART. 0 VOLUME II, FINAL REPORT. 0
08 01463 NAT U
- LEMLY, C. E. I
DESIGN CRITERIA FOR THE PREDICTION AND
PREVENTION OF PANEL FLUTTER.
CRITERIA PRESENTATION. 0 VOLUME I,
FINAL REPORT. 0
08 01464 NAT U
- LENNIS, A. J. I
THE ELASTIC BEHAVIOR OF ROTARY WINGS
IN FORWARD FLIGHT. 0 FINAL REPORT,
VOLUME I - ANALYSIS. 0
08 00414 NAT U
- LEO, M. I
HYBRID PIEZOELECTRIC DEVICES. 0 FINAL
REPORT. 0
08 00355 NAT U
- LENNAN, M. I
METHODS FOR THE INITIAL SUPERDISTRICT
PROJECTIONS OF NORTHEAST CORRIDOR POPULATIONS,
EMPLOYMENT AND INCOME. 0
08 01278 NAT U
- LESLIE, C. F. I
TAILORING OF HIGH DENSITY POLYETHYLENE FOR
HIGH SPEED WIRE COATING. 0
08 00040 NAT U
- LESTER, P. F. I
THE DEPENDENCE OF THE RICHARDSON
NUMBER ON SCALE LENGTH. 0
08 00319 NAT U
- LEVITT, C. I. I
TAILORING OF HIGH DENSITY POLYETHYLENE FOR
HIGH SPEED WIRE COATING. 0
08 00040 NAT U
- LEVIN, D. M. I
PARKING GUIDE FOR CITIES. 0
08 01008 NAT U
- LEVINE, A. M. I
THE DEVELOPMENT OF A GLOBAL COMMUNICATIONS
SATELLITE SYSTEM. 0 PRESENTED AT THE CAI-TAS
JOINT MEETING, MONTREAL, CANADA, OCTOBER 17,
1966. 0
08 01016 NAT U
- LEVINE, E. I
EXPERIMENTAL STUDY OF THE EFFECTS OF
SURROUND BRIGHTNESS AND SIZE ON VISUAL
PERFORMANCE. 0 FINAL REPORT /1 MARCH 1966 TO
1 MARCH 1967. 0
08 01090 NAT U
- LEVISION, W. M. I
STUDIES OF MULTIVARIABLE MANUAL
CONTROL SYSTEMS. 0
08 00095 NAT U
- LEVISION, W. M. I
AN OPTIMAL CONTROL METHOD FOR PREDICTING
CONTROL CHARACTERISTICS AND DISPLAY
REQUIREMENTS OF MANNED-VEHICLE SYSTEMS. 0
FINAL REPORT /1 JULY 1966 TO 31 AUGUST 1967. 0
08 01334 NAT U
- LEW, D. M. I
GROUND-BASED SIMULATION TECHNIQUES. 0
08 00777 NAT U
- LEWIS, M. F. I
REACTION TIME AS A FUNCTION OF FLASH
LUMINANCE AND DURATION. 0
08 00692 NAT U
- LEWIS, M. F. I
CROSS-MODALITY MATCHING OF LUMINANCE TO
BRIGHTNESS FOR FLASHES OF VARYING LUMINANCE
AND DURATION. 0
08 00789 NAT U
- LEWIS, W. L. I. LUL. I
EVALUATION OF UTILITY OF ANNOTATED
WEATHER OUTLINES. 0
08 01510 NAT U
- LEYKIN, A. E. I
SCIENCE OF AVIATION MATERIAL. 0
08 00990 NAT U
- LIAS, M. U. I
THERMODYNAMICS FLIGHT TEST INSTRUMENTATION
FOR THE MODEL XB-70A AIR VEHICLE. 0 NUMBER 1.
08 01170 NAT U
- LIEUNANCE, M. A. I
AVIATION WEATHER REVIEW GROUP. 0
FINAL REPORT. 0
08 00784 NAT U
- LIIVA, J. I
TWO-DIMENSIONAL TESTS OF AIRFOILS
OSCILLATING NEAR STALL. DATA REPORT. 0
VOLUME II, FINAL TECHNICAL REPORT. 0
08 01246 NAT U
- LIIVA, J. I
TWO-DIMENSIONAL TESTS OF AIRFOILS
OSCILLATING NEAR STALL. SUMMARY AND EVALUATION
OF RESULTS. 0 VOLUME I, FINAL TECHNICAL
REPORT. 0
08 01247 NAT U
- LILJEGREN, G. I
TRANSMITTER TUBE INVESTIGATION. 0 FINAL
REPORT. 0
08 00134 NAT U
- LIN, J. L. I
MODIFICATION OF BACKSCATTERING OF A
LOOP BY IMPEDANCE LOADING. 0
08 00158 NAT U

AUTHOR INDEX

04/019 1

- LINAM, A. J.
SOME RESULTS IN SUPERSONIC COMBUSTION. #
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01091 NAT U
- LINDBERG, G. M. J.
PROFILES AND POWER SPECTRA OF SOME
OFF-RUNWAY LANDING AREAS. #
68 00177 NAT U
- LINDBERG, G. M. J.
VIBRATION MODES AND RANDOM RESPONSE OF A
MULTI-BAY PANEL SYSTEM USING FINITE
ELEMENTS. #
68 01159 NAT U
- LINDEMAN, R. M. J.
RELIABILITY - MAJOR OVERHAULED VERSUS
MINOR OVERHAULED AIRCRAFT JET ENGINES. #
THESIS.
68 01074 NAT U
- LINDSTROM, R. S. J.
THERMAL INSULATION SYSTEMS. #
A SURVEY.
68 00093 NAT U
- LING-TENCO-VOUGHT, INC. AERONAUTICAL DIV., I
EXPLORATORY DEVELOPMENT PROGRAM TO
PROVE THE FEASIBILITY OF SOLID-STATE
SWITCHING FOR A COMPLEX ELECTRICAL CONTROL
NETWORKS. #
68 00108 NAT U
- LING-TENCO-VOUGHT, INC. AERONAUTICS DIV., I
DALLAS. I
DEVELOPMENT AND EVALUATION OF CHECK OUT
CONCEPTS FOR A CONTACTLESS SWITCHING SYSTEM. #
VOLUME VII.
68 01012 NAT U
- LING-TENCO-VOUGHT, INC. AERONAUTICS DIV., I
DALLAS. I
RESEARCH ON VIB. WATER MAYER EFFECTS,
INCLUDING THE EFFECTS OF WIND AND WAVES. #
FINAL REPORT.
68 01294 NAT U
- LING-TENCO-VOUGHT, INC. AERONAUTICS DIV., I
DALLAS. I
INVESTIGATION OF THE CALIBRATION OF
MICROPHONES FOR SONIC BOOM MEASUREMENT. #
68 01019 NAT U
- LING-TENCO-VOUGHT, INC. WESTERN DIV., ANAHEIM, I
CALIF. I
THE SHOCK EXPANSION TUBE AND ITS
APPLICATION AS A SONIC BOOM SIMULATOR. #
68 01421 NAT U
- LIPPERT, S. J.
ESTIMATED BODY DIMENSIONS OF THE ADULT
MALE JEWISH POPULATION OF ISRAEL. #
68 01387 NAT U
- LITCHFORD, G. B. J.
SYNTHESIS OF A MULTIFUNCTIONAL FACTICAL
LANDING SYSTEM. #
68 01335 NAT U
- LITTLE, FANTHUR D. J., INC., CAMBRIDGE, MASS. I
REVIEW OF MARINE NAVIGATION SYSTEMS
SYSTEMS AND TECHNIQUES. #
68 00439 U
- LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF. I
INTEGRATED COCKPIT RESEARCH
PROGRAM. # VOLUME I. FINAL REPORT.
68 00086 NAT U
- LITTON SYSTEMS, INC., GUIDANCE AND CONTROL
SYSTEMS DIV., WOODLAND HILLS, CALIF. I
INTEGRATED COCKPIT RESEARCH PROGRAM. #
VOLUME I. FINAL REPORT.
68 00597 NAT U
- LITTON SYSTEMS, INC., CULVER CITY, CALIF. I
OCEANBORNE SHIPPING - DEMAND AND TECHNOLOGY
FORECASTS. # FINAL REPORT.
68 01325 NAT U
- LITTON SYSTEMS, INC., GUIDANCE CONTROL AND
SYSTEMS DIV., WOODLAND HILLS, CALIF. I
SYSTEMS EFFECTIVENESS REPORT. #
APPENDIX III
68 00904 NAT U
- LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF. I
INTEGRATED COCKPIT RESEARCH PROGRAM. #
VOLUME II. FINAL REPORT.
68 00067 NAT U
- LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF. I
INTEGRATED COCKPIT RESEARCH PROGRAM. #
68 00139 NAT U
- LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF. I
INTEGRATED COCKPIT RESEARCH PROGRAM. #
APPENDIX II.
68 00160 NAT U
- LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF. I
INTEGRATED COCKPIT RESEARCH PROGRAM. #
VOLUME I. FINAL REPORT.
68 00077 NAT U
- LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF. I
INTEGRATED COCKPIT RESEARCH PROGRAM -
VOLUME II. #
68 00551 NAT U
- LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF. I
SYSTEMS ANALYSIS AND MECHANIZATION
STUDIES. # APPENDIX I, FINAL TECHNICAL REPORT.
68 00902 NAT U
- LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF. I
CONTROLS AND DISPLAYS ANALYSIS. #
APPENDIX II.
68 00903 NAT U
- LIVTANT, V. A. J.
MAKING FREIGHT IN CONTAINERS AND
PARAGUES. #
68 00907 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. I
CUM SEAL TEST - PHASE II-C. #
68 00906 NAT U

- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
STUDY ON THE FEASIBILITY OF V/STOL
CONCEPTS FOR SHORT HAUL TRANSPORT AIRCRAFT.0
68 00050 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
PRELIMINARY TESTS OF 1.0 IN. DIA. RIM SEALS
FOR SST HYDRAULIC SYSTEM.0
68 00240 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
SPECIFICATION FOR HYDRAULIC FLUID, HIGH
TEMPERATURE, SUPERSONIC FLIGHT VEHICLE.0
68 00255 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
SST ENGINE INLET OJET SEAL TEST - PHASE IIC
68 00250 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
STRESS CORROSION OF TITANIUM
ALLOYS UNDER SIMULATED SUPERSONIC FLIGHT
CONDITIONS.0
68 00300 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
DEVELOPMENT TESTS OF THE AUXILIARY INLET
DOORS FOR THE C-2000-7 SUPERSONIC TRANSPORT.0
68 00430 U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
EXPLANATION OF HIGH-SPEED FLIGHT WITH THE
XH-15A HIGH ALTITUDE HELICOPTER.0
68 00490 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
SUPERSONIC TRANSPORT IMPACT ON THE
COMMERCIAL AIRPLANE MARKET.0
68 00520 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
SST-PHASE IIC-HYDRAULIC SYSTEM PIPING
AND CONNECTION METHODS PROGRAM.0
68 00524 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
HYDRAULIC FLUID SELECTION AND DEVELOPMENT.0
68 00530 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
RADIATION OF COMPRESSOR NOISE FROM AN SST
SCALE MODEL INLET.0
68 00531 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
PROJECT HICAT AN INVESTIGATION OF HIGH
ALTITUDE CLEAR AIR TURBULENCE.0 VOLUME III.
APPENDICES IA AND IB.
68 00610 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
ALL-WEATHER LANDING SYSTEM STATUS REPORT.0
68 00831 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
STRUCTURAL DESIGN PHILOSOPHY FOR THE
SUPERSONIC TRANSPORT.0 PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
68 01053 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
THE DEVELOPMENT OF DYNAMIC TAXI DESIGN
PROCEDURES.0 FINAL REPORT.
68 01245 R NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
SUPERSONIC TRANSPORT IMPACT ON THE
COMMERCIAL AIRPLANE MARKET.0 NUMBER V,
ADDENDUM II.
68 01274 NAT U
- LOCKHEED CALIFORNIA CO., BURBANK, CALIF. 1
FRACTURE TOUGHNESS AND CRACK PROPAGATION OF
300 M STEEL.0 TECHNICAL REPORT.
68 01467 NAT U
- LOCKHEED ELECTRONICS CO., PLAINFIELD, N. J. 1
RESEARCH STUDY OF AN AIRCRAFT-CONTAINED
RADAR ZERO-ZERO LANDING SYSTEM.0 VOLUME I.
FINAL REPORT.
68 00619 NAT U
- LOCKHEED-GEORGIA CO., MARIETTA, GA. 1
SAFETY, MARIETTA, GA. 1
RELIABILITY PREDICTIONS FROM AN
ART TO A SCIENCE.0
68 00351 NAT U
- LOCKHEED-GEORGIA CO., MARIETTA, GA. 1
DETAIL SPECIFICATION FOR THE LOCKHEED
HERCULES LONG RANGE CARGO AND TROOP CARRIER
TRANSPORT.0
68 00019 NAT U
- LOCKHEED-GEORGIA CO., MARIETTA, GA. 1
NEAR FIELD NOISE ANALYSES OF AIRCRAFT
PROPULSION SYSTEMS WITH EMPHASIS ON
PREDICTION TECHNIQUES FOR JETS.0
68 0128 NAT U
- LOCKHEED-GEORGIA CO., MARIETTA, GA. 1
C-5A FLIGHT CONTROL REPORT /AEROSPACE
VEHICLE/.0 VOLUME I.
68 00335 NAT U
- LOCKHEED-GEORGIA CO., MARIETTA, GA. 1
C-5 FLIGHT CONTROL REPORT
/AEROSPACE VEHICLE/ STABILITY AND CONTROL.0
68 00469 NAT U
- LOCKHEED-GEORGIA CO., MARIETTA, GA. 1
REFINEMENT OF SONIC FATIGUE STRUCTURAL
DESIGN CRITERIA.0
68 00862 NAT U
- LOCKHEED-GEORGIA CO., MARIETTA, GA. 1
C-5A BASIC DATA FOR FLUTTER ANALYSIS.0
INTERIM REPORT.
68 00661 NAT U
- LOCKHEED-GEORGIA CO., MARIETTA, GA. 1
C-141A ENGINEERING FLIGHT TEST RESULTS
OF ELECTROMAGNETIC INTERFERENCE
COMPATIBILITY AND COMPLIANCE TESTING, FY-67
PRODUCTION ABL.0
68 00882 NAT U
- LOCKHEED-GEORGIA CO., MARIETTA, GA. 1
WING.0 VOLUME I.
68 00883 NAT U

AUTHOR INDEX

04/01* 1

LOCKHEED-GEORGIA CO., MARIETTA, GA. |
 EMPENNAGE.# VOLUME II, PART I.
 68 00884 NAT U

LOCKHEED-GEORGIA CO., MARIETTA, GA. |
 ADDITIONAL COMPONENTS.# VOLUME IV.
 68 00885 NAT U

LOCKHEED-GEORGIA CO., MARIETTA, GA. |
 SERVICE EVALUATION OF AIRCRAFT EXPERIMENTAL
 FASTENERS.# FINAL SUMMARY TECHNICAL REPORT
 71 NOVEMBER 1964 TO 1 SEPTEMBER 1967.
 68 01073 NAT U

LOCKHEED-GEORGIA CO., MARIETTA, GA. |
 FLIGHT TEST INVESTIGATION OF TRANSONIC
 SHOCK-BOUNDARY LAYER PHENOMENA.#
 68 01314 NAT U

LOCKHEED-GEORGIA CO., MARIETTA, GA. |
 FLIGHT TEST INVESTIGATION OF TRANSONIC
 SHOCK-BOUNDARY LAYER PHENOMENA.# VOLUME II,
 TECHNICAL REPORT.
 68 01372 NAT U

LOCKWOOD, V. E. |
 MEASUREMENTS OF GROUND EFFECT ON A LOW-
 ASPECT-RATIO OGEE-WING AIRPLANE MODEL AND
 CALCULATIONS OF LANDING-FLARE TRAJECTORIES.#
 68 00759 NAT U

LOEVENSTERN, L. R. |
 STUDY OF CONTACT FAILURES IN INTEGRATED
 CIRCUITS.#
 68 00010 NAT U

LOEWY, R. G. |
 A THEORY FOR PREDICTING THE ROTATIONAL
 NOISE OF LIFTING ROTORS IN FORWARD FLIGHT,
 INCLUDING A COMPARISON WITH EXPERIMENT.#
 68 00501 NAT U

LOGISTICS MANAGEMENT INST., WASHINGTON, D. C. |
 MULTI-YEAR PROCUREMENT AND LEARNING
 CURVE EFFECTS.#
 68 00397 NAT U

LOGISTICS MANAGEMENT INST., WASHINGTON, D. C. |
 MULTI-YEAR PROCUREMENT AT THE
 SUBCONTRACTOR LEVEL.#
 68 00398 NAT U

LOGISTICS MANAGEMENT INST., WASHINGTON, D. C. |
 LIFE CYCLE COSTING IN INDUSTRY.#
 68 00440 NAT U

LOGISTICS MANAGEMENT INST., WASHINGTON, D. C. |
 JOO SYSTEMS AND EQUIPMENT INTEGRATED
 LOGISTICS SUPPORT PLANNING GUIDE.#
 68 00648 NAT U

LOGISTICS MANAGEMENT INST., WASHINGTON, D. C. |
 DEFENSE INDUSTRY PROFIT REVIEW LMI TASK
 66-25.# VOLUME I.
 68 00724 NAT U

LOGISTICS MANAGEMENT INST., WASHINGTON, D. C. |
 DEFENSE INDUSTRY PROFIT REVIEW LMI TASK
 66-25.# VOLUME II.
 68 00725 NAT U

LOGISTICS MANAGEMENT INST., WASHINGTON, D. C. |
 FORECAST OF AIRLINE PILOT REQUIREMENTS.#
 68 00876 NAT U

LOLLI, A. V. |
 TEST AND EXPERIMENTATION WITH DIGITAL WIND
 DEVICES.# FINAL REPORT.
 68 00699 R NAT U

LONDON, UNIV. QUEEN MARYS COLLEGE. |
 THE CHANGING PATTERN OF AERONAUTICAL
 ENGINEERING EDUCATION.# PRESENTED AT FOURTH
 CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
 AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
 24-28, 1964.
 68 01038 NAT U

LORENZ, P. A. |
 INVESTIGATION AND ANALYSIS OF AIRCRAFT
 FUEL EMULSION.#
 68 00761 NAT U

LORING, C. M. |
 TRANSMITTER TUBE INVESTIGATION.# FINAL
 REPORT.
 68 00134 NAT U

LOTT, D. |
 TACAN RELIABILITY STUDY.# FINAL
 ENGINEERING REPORT.
 68 01324 NAT U

LOV, S. J. |
 PRELIMINARY EVALUATION OF XB-70
 AIRPLANE ENCOUNTERS WITH HIGH-ALTITUDE
 TURBULENCE.#
 68 00053 NAT U

LOVELL, J. |
 PRECISION VOR.# VOLUME II.
 68 00674 NAT U

LOVINSKIY, S. I. |
 AIRCRAFT ENGINES /SELECTED CHAPTERS/.#
 68 00375 NAT U

LORE, A. |
 PROCEDURES FOR ESTIMATING THE EFFECTS OF
 DESIGN AND OPERATIONAL CHARACTERISTICS OF JET
 AIRCRAFT ON GROUND NOISE.#
 68 01424 NAT U

LOME, R. J. |
 AIRFIELD PAVEMENT EVALUATION, USNAS
 LOS ALAMITOS, CALIFORNIA.#
 68 00366 NAT U

LOHMSTEIN, C. D. |
 ON THE OPTIMIZATION OF TRANSPONDER SPACING
 FOR RANGE-RANGE NAVIGATION.#
 68 01114 NAT U

LOMERY, C. A. |
 A HEAD RESTRAINT DEVICE FOR VESTIBULAR
 STUDIES.#
 68 00936 NAT U

LOWMAN, P. D., JR. |
 GEOLOGIC APPLICATIONS OF ORBITAL
 PHOTOGRAPHY.#
 68 22301 NAT U

LUNNEY, I. S. |
METROPOLITAN POPULATIONS TO 1985 -
FINAL PROJECTIONS.#
68 00644 NAT U

LTV AIRSPACE CORP. VOUGHT AERONAUTICS DIV. |
DALLAS. |
DYNAMIC RESPONSE OF THE XC-142A TILT-WING
VSTOL AIRCRAFT TO IN-FLIGHT CARGO DELIVERY
AT SLOW SPEEDS.#
68 01252 NAT U

LTV AIRSPACE CORP., DALLAS. |
ADDITIONAL STUDIES ON THE FEASIBILITY
OF VSTOL CONCEPTS FOR SHORT-HAUL TRANSPORT
AIRCRAFT.#
68 00299 NAT U

LUBORSKI, J. P. |
STRUCTURAL FEASIBILITY STUDY OF
PRESSURIZED TANKS FOR LIQUID-METHANE
FUELED SUPERSONIC AIRCRAFT.#
68 00311 NAT U

LUDWIG, J. H., LT. COL. |
P-1127 /XV-6A/ VSTOL HANDLING QUALITIES
EVALUATION.# FINAL REPORT.
68 01490 NAT U

LUEHR, K. E., CAPT. |
ASSESSMENT OF SKILL AND PERFORMANCE IN
FLYING.#
68 00400 U

LUFFS, J. K. |
AN ANALYSIS OF THE AN/APS-16-ROSE SYSTEM.#
68 01102 NAT U

LUFFSEY, W. S. |
AIRCRAFT WAKE TURBULENCE.#
68 01465 R NAT U

LUKAS, J. S. |
A PRELIMINARY STUDY OF THE AWAKENING AND
STARTLE EFFECTS OF SIMULATED SONIC BOOMS.#
68 01415 NAT U

LUKEN, U. L. |
LANE IDENTIFICATION IN THE OMEGA
SYSTEM.#
68 00292 NAT U

LUM, L. L. |
APPLICATION OF LINEAR OPTIMAL THEORY TO
CONTROL OF FLEXIBLE AIRCRAFT RIDE QUALITIES.#
68 00673 NAT U

LUM, K. |
DESCRIPTION OF A FOUR DEGREES OF
FREEDOM, VSTOL AIRCRAFT, AIRBORNE SIMULATOR.#
68 01507 NAT U

LUND, J. |
THE THREE LOPE BEARING AND FLOATING RING
BEARINGS.# PART VII, FINAL REPORT.
68 01677 NAT U

LUNDBERG, B. K. |
ATMOSPHERIC MAGNIFICATION OF SONIC BOOMS IN
THE OKLAHOMA TESTS.#
68 01551 NAT U

LYKOV, A. V. |
HEAT AND MASS TRANSFER.# VOLUME 1.
68 00248 NAT U

LYMAN, B. |
VISUAL DETECTION, IDENTIFICATION, AND
LOCALIZATION - AN ANNOTATED BIBLIOGRAPHY.#
68 00859 NAT U

LYONS, B. J. |
ADAPTIVE TECHNIQUES FOR PHASED ARRAYS.#
FINAL REPORT.
68 00110 NAT U

LYONS, L. A. |
A STATISTICAL ANALYSIS OF SITING ERROR IN
RADIO DIRECTION-FINDING.#
68 00523 NAT U

MABEY, D. G. |
THE LONGITUDINAL CHARACTERISTICS OF
THREE SLENDER -MILD Ogee- WINGS AT MACH
NUMBERS FROM 0.4 TO 2.00 TECHNICAL REPORT.
61 01397 NAT U

MABEY, D. G. |
JET EFFECTS MEASURED ON THE TAILPLANE OF
THE CRISTOL 188 IN TWO SUPERSONIC
WIND TUNNELS.#
68 01910 NAT U

MACGREGOR, K. V. |
PREDICTIVE MAINTENANCE FOR LORN
HOPE OR FUMESLEABLE REALITY?#
68 00350 NAT U

MACK, J. C. |
AN EVALUATION OF CONFORMAL CONTACT GEARS.#
FINAL TECHNICAL REPORT.
68 01251 NAT U

MACOMBER, H. |
ARC JET ENGINE PERFORMANCE - EXPERIMENT
AND THEORY II.# PRESENTED AT THE NATIONAL
ARS-TAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
68 01023 NAT U

MAGLIEMI, D. J. |
NOISE AND SONIC BOOM CONSIDERATIONS IN THE
OPERATION OF SUPERSONIC AIRCRAFT.# PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
68 01037 NAT U

MAGLIEMI, D. J. |
SONIC BOOM - ITS SIGNATURE
CHARACTERISTICS.#
68 01204 NAT U

MAGLIEMI, D. J. |
A SUMMARY OF RESULTS ON SONIC-BOOM
PRESSURE-SIGNATURE VARIATIONS ASSOCIATED WITH
ATMOSPHERIC CONDITIONS.#
68 01433 NAT U

MAKARCZYK, J. A. |
SIMULATION OF HELICOPTER AND VSTOL
AIRCRAFT VOLUME VI, XC-142 ANALOG COMPUTER
PROGRAM STUDY - XC-142A SIMULATION EQUATIONS
MECHANIZATION.# FINAL REPORT.
68 01105 NAT U

AUTHOR INDEX

04/01* 1

MAKERS, D. T.-I
A BLENDED FEEDBACK VARIABLE FOR CONTROL
AUGMENTATION SYSTEMS.#
68 00281 NAT U

MAKERS, D. T.-I
DIGITAL MECHANIZATION OF A DISCRETELY
ADAPTIVE FLIGHT CONTROL COMPUTER.
PART I, HARDWARE DESIGN AND FABRICATION.#
FINAL REPORT.
68 01487 NAT U

MAKI, P. L.-I
LONGITUDINAL AERODYNAMIC CHARACTERISTICS
IN GROUND EFFECT OF A LARGE-SCALE, V/STOL
MODEL WITH FOUR TILTING DUCTED FANS ARRANGED
IN A DUAL TANDEM CONFIGURATION.#
68 00169 NAT U

MAKIMOV, S. M.-I
METHOD OF APPRAISING THERMAL STABILITY
OF FUELS UNDER DYNAMIC CONDITIONS.#
TRANSLATED FROM RUSSIAN.
68 01135 NAT U

MALEY, D. R.-I
NON-DESTRUCTIVE EVALUATION OF MATERIAL
PROPERTIES THROUGH USE OF A THERMAL INSPECTION
SYSTEM.#
68 00377 NAT U

MALEY, S. W., DR.-I
NON-DESTRUCTIVE EVALUATION OF MATERIAL
PROPERTIES THROUGH USE OF A THERMAL INSPECTION
SYSTEM.#
68 00377 NAT U

MALHEIRO, J.-I
VERTICAL SITUATION DISPLAY FOR
VTOL SIMULATOR.# FINAL REPORT /1 JULY 1966 -
14 FEBRUARY 1968/.
68 01489 NAT U

MALIKOV, G. F.-I
COMPUTATIONS OF ELASTIC TENSOMETRIC
ELEMENTS.#
68 00685 NAT U

MALLERY, C. G.-I
ADVANCED AUTOMATIC FLIGHT CONTROL SYSTEM
STUDY.# FINAL REPORT.
68 00946 NAT U

MALONE, T. B.-I
HUMAN FACTORS TECHNIQUES EMPLOYED IN
DERIVING PERSONNEL REQUIREMENTS IN WEAPON
SYSTEM DEVELOPMENT.#
68 00649 NAT U

MANCUSO, R. L.-I
FORECASTING CLEAR-AIR TURBULENCE BY
COMPUTER TECHNIQUES.#
68 00433 U

MANCUSO, R. L.-I
OBJECTIVE ANALYSIS AND FORECASTING OF
CLEAR-AIR TURBULENCE.# FINAL REPORT.
68 01290 NAT U

MANGOLD, E. C.-I
INVESTIGATION UP USE OF BALLOONS FOR
ATMOSPHERIC TURBULENCE MEASUREMENT.#
68 00989 NAT U

MANIABS, INC., CAMBRIDGE, MASS. I
PHYSICAL CHARACTERIZATION OF ELECTRONIC
MATERIALS, DEVICES AND THIN FILMS.#
68 00832 NAT U

MANN, C. D.-I
AN APPRAISAL OF THE STRUCTURAL LOADS
PROGRAM OF THE SIX-DEGREE-OF-FREEDOM FLIGHT-
PATH COMPUTER PROGRAM.#
68 00380 NAT U

MANN, J.-I
BROADBAND X-BAND KLYSTRON.# FINAL REPORT.
68 01066 NAT U

MANTEY, P. E.-I
ADAPTIVE ANTENNA SYSTEMS.#
68 00812 NAT U

MARCY, J. F.-I
FLAMING AND SELF-EXTINGUISHING
CHARACTERISTICS OF AIRCRAFT CABIN INTERIOR
MATERIALS.# FINAL REPORT.
68 01243 R NAT U

MAREK, A. J.-I
EXPLORATORY DEVELOPMENT PROGRAM TO
PROVE THE FEASIBILITY OF SOLID-STATE
SWITCHING FOR A COMPLEX ELECTRICAL CONTROL
NETWORK.#
68 00108 NAT U

MARGOLIS, D. P.-I
A STUDY OF THE MEAN AND TURBULENCE STRUCTURE
OF A FREE JET AND JET IMPINGEMENT HEAT
TRANSFER.#
68 00561 NAT U

MARINE CORPS SCHOOL, QUANTICO, VA. I
ROTOR TIP LIGHTING FOR HELICOPTERS.#
68 00555 NAT U

MARSHALL, F. W.-I
LOW-COST RUNWAY GUIDANCE /VORLOC II/.#
FINAL REPORT.
68 01339 R NAT U

MARSH, A. M.-I
A STUDY OF TURBOFAN-ENGINE COMPRESSOR-
NOISE-SUPPRESSION TECHNIQUES.#
68 01422 NAT U

MARSH, R. R.-I
ADDITIONAL STUDIES ON THE FEASIBILITY
OF V/STOL CONCEPTS FOR SHORT-HAUL TRANSPORT
AIRCRAFT.#
68 00299 NAT U

MARSH, R. R.-I
RESEARCH ON VTX WATER MOVER EFFECTS,
INCLUDING THE EFFECTS OF WIND AND WAVES.#
FINAL REPORT.
68 01202 NAT U

MARTIN CO., BALTIMORE. I
ON THE DESIGN OF HYPERSONIC AIRCRAFT.#
PRESENTED AT THE IAS TWENTY-NINTH ANNUAL
MEETING, NEW YORK, JANUARY 23, 24 AND 25,
1961.
68 01017 NAT U

MARTIN CO., ORLANDO, FLA. |
NEW CONNECTOR DESIGN LOWERS COST OF
MILITARY CABLE ASSEMBLY PROCESSES.#
OR 00864 NAT U

MARTIN-PARIETTA CORP., AEROSPACE DIV., |
ORLANDO, FLA. |
EFFECTS OF HUMIDITY ON OPERATING AND STORAGE EFFECTS
ON ELECTRONIC EQUIPMENT AND PART
RELIABILITY.# FINAL REPORT.
68 00048 NAT U

MARTIN-PARIETTA CORP., ORLANDO, FLA. |
PROCEEDINGS OF THE FIRST CONFERENCE ON
LASER SAFETY, ORLANDO, FLA., MAY 19, 20,
1964.#
AJ 01291 NAT U

MARTIN, J. A. |
DEVELOPMENT AND APPLICATION OF A TERMINAL
SPACING SYSTEM.# FINAL REPORT.
OR 01197 NAT U

MARTIN, L. M. |
STUDY AND EXPERIMENTATION OF RATIO REACTION
INERTIAL NAVIGATION SYSTEMS.#
OR 00070 NAT U

MARTIN, C. O. |
RESEARCH AND DEVELOPMENT OF NON-DESTRUCTIVE
TESTING TECHNIQUES FOR COMPOSITES.#
68 00769 NAT U

MARTIN, M. M. |
SYSTEMS MAINTENANCE PROGRAM EVALUATION
CONDUCTED IN THE SOUTHWEST REGION MARCH
29-APRIL 12, 1966.#
68 01340 NAT U

MARTIN, F. |
DYNAMICS OF ARCJET SYSTEM.#
PRESENTED AT THE NATIONAL AERONAUTICS AND SPACE
MEETING, LOS ANGELES, CALIFORNIA, JUNE 13, 14,
15 AND 16, 1965.
OR 01021 NAT U

MARYLAND UNIV., COLLEGE PARK, |
USER DETERMINED ATTRIBUTES OF IDEAL
TRANSPORTATION SYSTEMS - AN EMPIRICAL
STUDY.#
68 01003 NAT U

MAZZETTA, L. A. |
A PEARL AC-DC VOLTAGE COMPARISON FOR
USE IN A STANDARD LABORATORY.#
OR 00233 NAT U

MATTHEWS, R. J. |
FUTURE APPLICATIONS OF MAINTENANCE
RELIABILITY SYSTEMS FOR THE SMALL FLEET
OPERATOR.#
68 00414 U

MASON, W. P. |
ULTRASONICS AND HYPERSONICS.# A REVIEW.
TECHNICAL REPORT.
AF 01116 NAT U

MASON, W. P. |
NOTE ON FATIGUE MECHANISM IN FCC METALS
AT ULTRASONIC FREQUENCIES.# TECHNICAL REPORT.
AF 01415 NAT U

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. |
A SYSTEMS ANALYSIS OF SHORT HAUL AIR
TRANSPORTATION.#
68 00454 NAT U

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. |
AN EXPERIMENTAL SIMULATION OF GUST LOADING
OF SUPERSONIC VEHICLES.#
68 00316 NAT U

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. |
AERODYNAMIC DRAG ON VEHICLES IN
GUIDEWAYS.#
68 00861 NAT U

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. |
COMPARATIVE STUDY OF OPTIMIZATION
TECHNIQUES FOR SHOCK AND VIBRATION
ISOLATION.# INTERIM SCIENTIFIC REPORT.
68 00600 NAT U

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. |
WIND-BODY INTERFERENCE EFFECTS.# PART I,
FINAL REPORT /JANUARY 4, 1965 TO JANUARY 3,
1967.
68 01447 NAT U

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. |
AN EVALUATION OF PROCEDURES FOR CALCULATING
AERODYNAMIC LOADS.# FINAL REPORT /MARCH TO
DECEMBER 1964/.
68 01331 NAT U

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. |
EXPERIMENTAL ASTRONOMY LAB. |
TE-17 HYBRID DOPPLER-RADAR INERTIAL
NAVIGATION TECHNIQUES FOR THE SUPERSONIC
TRANSPORT AIRCRAFT.#
68 00750 NAT U

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. |
EXPERIMENTAL ASTRONOMY LAB. |
TE-16 STUDY OF AIRCRAFT POSITION FIXING
USING THE NAVY NAVIGATIONAL SATELLITE SYSTEM.#
68 00701 NAT U

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. |
FLIGHT TRANSPORTATION CENTER. |
WEATHER CONDITIONS AFFECTING VTOL
AIRBUS OPERATIONS IN THE NORTHEAST CORRIDOR.#
68 00666 NAT U

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. |
INSTRUMENT LAB. |
A PARAMETRIC COMPARISON OF AIRCRAFT
INERTIAL NAVIGATION SYSTEMS.#
DUAL-THESIS.
68 00560 NAT U

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. |
INSTRUMENT LAB. |
A PARAMETRIC COMPARISON OF AIRCRAFT
INERTIAL NAVIGATION SYSTEMS.#
DUAL-THESIS.
68 00517 NAT U

MASSACHUSETTS INST. OF TECH., LEXINGTON. |
SURVEY OF SATELLITE COMMUNICATION
ANTENNAS.#
68 00550 NAT U

MASSACHUSETTS INST. OF TECH., LEXINGTON, I
LINCOLN LAB. I
RAY, JACAR ANTENNA REFLECTOR SURFACE
IMPROVEMENT PROGRAM.0 TECHNICAL NOTE.
68 01235 NAT U

PASSER, P. S. I
RECENT EXPERIMENTAL PLASMAJET THRUSTOR
RESULTS.0 PRESENTED AT THE NATIONAL AAS-IAS
JOINT MEETING, LOS ANGELES, CALIFORNIA, JUNE
13, 14, 15 AND 16, 1961.
68 01027 NAT U

MASSIE, R. R. I
XV-3A MAINTENANCE AND SYSTEMS
EVALUATION.0
68 00356 NAT U

MASTIN, R. A. I
DEVELOPMENT TESTS OF THE AUXILIARY INLET
JUMPS FOR THE F-2000-7 SUPERSONIC TRANSPORT.0
68 00436 U

MATHEMATICS, INC., PRINCETON, N. J. I
STUDIES IN THE DEMAND FOR FREIGHT
TRANSPORTATION.0 VOLUME I.
68 01010 NAT U

MAHES, J. T. I
REFINEMENT OF JONIC FATIGUE STRUCTURAL
DESIGN CRITERIA.0
68 00601 NAT U

MATRIX CORP., ALEXANDER, VA. I
HUMAN FACTORS TECHNIQUES EMPLOYED IN
DERIVING PERSONNEL REQUIREMENTS IN WEAPON
SYSTEM DEVELOPMENT.0
68 00664 NAT U

MATSUI, C. S. I
MEASUREMENT OF AIRFIELD MARKING PAINT
FLEXIBILITY.0
68 01106 NAT U

MAURY, J. J. I
EVALUATION OF AUTOMATED TRACON FUNCTIONS.0
FINAL REPORT.
68 01341 R NAT U

MAYES, P. R. I
RELATIONSHIPS BETWEEN CONTINUOUSLY SCALED,
PERIODIC AND NON-PERIODIC STRUCTURES WITH
APPLICATIONS TO LOW-FREQUENCY ANTENNAS.0
68 00480 NAT U

MAZURSKY, S. I
OCEANOGRAPHIC SHIPPING - DEMAND AND TECHNOLOGY
FORECASTS.0 FINAL REPORT.
68 01125 NAT U

MCADAMS, R. R. I
TRANSPORTATION OF TRANSCONTINENTAL CARGO.0
A DESIGN PIA RESEARCH.
68 00360 NAT U

MCADAMS, R. R. I
TRANSPORTATION OF TRANSCONTINENTAL CARGO - A
DESIGN PIA RESEARCH.0
68 01265 NAT U

MCCABE, J. T., COL. USAF. I
ESTIMATING CONDITIONAL PROBABILITY
AND PERSISTENCE.0
68 01381 NAT U

MCCLEARY, R. A. I
THE DETERMINATION OF OPTIMUM TAKE-OFF PATHS
FOR THE SST IN TERMS OF FLIGHT PATH PARAMETERS
AND TERMINAL CONDITIONS.0 THESIS.
68 01072 NAT U

MCCLOSKEY, J. W. I
AN ANALYSIS OF THE AN/FPS-16-KUSE SYSTEM.0
68 01102 NAT U

MCCONNELL, R. D. I
POLYMERBENZOTRIAZOLE AS A BINDER FOR SOLID
FILM LUBRICANTS.0
68 00622 NAT U

MCCONNELL, G. J. I
PHYSICAL VULNERABILITY OF AIR TRAFFIC
CONTROL AND NAVIGATIONAL AID FACILITIES.0
68 00700 R NAT U

MCCONNELL, J. I
LOW COST DIGITAL DATA COMMUNICATIONS
LINK.0 FINAL TECHNICAL REPORT /JANUARY
1966 TO FEBRUARY 1968/.
68 01105 NAT U

MCCORD, R. B. I
DOU USER-NEEDS STUDY, PHASE II.0
VOLUME III.
68 00455 NAT U

MCDONNELL, R. J. I
DEVELOPMENT OF RESPIRATION-RATE
TRANSDUCERS FOR AIRCRAFT ENVIRONMENTS.0
68 00654 NAT U

MCDONNELL, J. R. I
AN EVALUATION OF FORECASTS OF WIND,
TEMPERATURE AND HUMIDITY PRESSURE OBTAINED
BY NUMERICAL METHODS.0 FINAL REPORT.
68 01320 R NAT U

MCDONNELL AIRCRAFT CORP., ST. LOUIS, I
RESULTS OF 1967 RESEARCH ON CONCEPTUAL
FLUTTER ANALYSIS.0 FINAL REPORT.
68 00726 NAT U

MCDONNELL CORP., ST. LOUIS, I
CRUS IN OPERATION.0 PRESENTED AT THE
INSTITUTE OF NAVIGATION NATIONAL AIR MEETING
ON COLLISION AVOIDANCE, DAYTON, OHIO,
21 AND 22 FEBRUARY 1967.
68 01287 NAT U

MCDONNELL-DOUGLAS CORP., ST. LOUIS, I
OVERSIGHT AND REVIEW OF STATE OF
THE ART.0 VOLUME II, FINAL REPORT.
68 01463 NAT U

MCDONNELL-DOUGLAS CORP., ST. LOUIS, I
DESIGN CRITERIA FOR THE PROTECTION AND
PREVENTION OF PANEL FLUTTER.
CRITERIA PRESENTATION.0 VOLUME I,
FINAL REPORT.
68 01464 NAT U

- McDUNNELL, P., DR. I
IMPROVED VIDEO DEFECTS. #
68 00332 NAT U
- McELMAN, J. A. I
FLUTTER OF LOCKED, SIMPLY SUPPORTED,
RECTANGULAR PANELS AT SUPERSONIC SPEEDS. #
68 00641 NAT U
- McFAUDEN, E. S. I
PERFORMANCE CHARACTERISTICS OF
CONSTANT FLOW PHASE LIFTING - OXYGEN MASK
DESIGNS FOR GENERAL AVIATION. #
68 00252 R NAT U
- McFANN, H. L. I
EVALUATION OF THE KAPPI/SCAN CONVERTER
INTEGRATED DISPLAY. #
68 00832 R NAT U
- McGREGOR, D. M. I
DESCRIPTION OF A FLUX DEGREES OF
FREEDOM, VSTOL AIRCRAFT, AIRBORNE SIMULATOR. #
68 01507 NAT U
- McGHEE, J. M. I
MODEL FREON COMPRESSOR ACOUSTICAL STUDIES. #
TECHNICAL REPORT. #
68 00571 NAT U
- McINTOSH, G. A. I
THE FIREBALL OF APRIL 25, 1966,
1, CANALIAN VISUAL OBSERVATIONS. #
REPRINT. #
68 00631 NAT U
- McINTOSH, G. A. I
PATH OF THE FIREBALL OF JUNE 14, 1967. #
68 00632 NAT U
- McINTYRE, H. M. I
ANALYTICAL STUDY TO DETERMINE
OPTIMUM DESIGN CRITERIA OF NON-SERVIC
FLAP CONTROLLED ROTONS. # FINAL
REPORT. #
68 00391 NAT U
- McRAY, L. I
METHODS FOR THE INITIAL SUPERDISTRICT
PROJECTIONS OF NORTHEAST CORRIDOR POPULATIONS,
EMPLOYMENT AND INCOME. #
68 01248 NAT U
- McLAUGHLIN, G. A. I
P-117 / AV-44 / VSTOL HANDLING QUALITIES
EVALUATION. # FINAL REPORT. #
68 01490 NAT U
- McLAIN, L. J. I
FLOW-FIELD INVESTIGATIONS ON THE
X-15 AIRPLANE AND MODEL UP TO HYPERSONIC
SPEEDS. #
68 01504 NAT U
- McLAUGHLIN, D. L. I
TEST USE OF MISSILE DATA IN
MANUAL PURCHASE PREPARATION. #
FINAL REPORT. #
68 01112 NAT U
- McLAUGHLIN, M. D. I
SIMULATION STUDIES OF THE SUPERSONIC
TRANSPORT IN THE PRESENT-DAY AIR TRAFFIC
CONTROL SYSTEM. #
68 01271 NAT U
- McLEAN, P. I
J79 BIKESHIKE MANUAL FOR INVESTIGATORS. #
68 00550 NAT U
- McLEHUR, H. C. I
HOT-GAS INVESTIGATION OF LARGE-
SCALE JET VTOL FIGHTER-TYPE MODELS. #
68 01273 NAT U
- McLYNN, J. M. I
APPROACHES TO THE MODAL SPLIT - INTERCITY
TRANSPORTATION. #
68 00540 NAT U
- McMANUS, J. M. I
REAL TIME DIGITAL PHASE SHIFTERS UTILIZING
4-PORT SIGNAL-JUNCTION LATCHING CIRCULATORS. #
68 00012 NAT U
- McNICKLE, M. F. I
PROCEEDINGS OF DEPARTMENT OF DEFENSE
INDUSTRIAL SYMPOSIUM ON NUMERICAL CONTROL
DATA. #
68 00205 NAT U
- McNULTY, G. J. I
BOUNDARY LAYER PRESSURE FLUCTUATIONS
AND STRUCTURAL RESPONSE. #
68 00382 NAT U
- McRUER, D. T. I
NEW APPROACHES TO HUMAN-PILOT/VEHICLE
DYNAMIC ANALYSIS. #
FINAL REPORT / MARCH 1966 TO JUNE 1967. #
68 01111 NAT U
- McVITIE, A. M. I
A SYMPOSIUM ON AIRCRAFT INSTRUMENT AND
COCKPIT LIGHTING BY RED OR WHITE LIGHT,
RHODE-SAINTE-GENESE, BELGIUM, OCTOBER 30,
31, 1967. #
68 01254 NAT U
- MEADOW, D. M. I
CONTROL OF PERIODIC MAINTENANCE THROUGH
RELIABILITY ANALYSIS SYSTEMS. #
68 00418 U
- MECHANICAL TECHNOLOGY INC., LATHAM, N. Y. I
THE THREE LUBE BEARING AND FLOATING RING
BEARING. # PART VII, FINAL REPORT. #
68 01077 NAT U
- MEHREL, P., DR. I
AN INVESTIGATION OF A WIDE BAND NOISE
GENERATOR. # FINAL REPORT. #
68 01210 NAT U
- MEEREN, J. I. I
IN-FLIGHT EVALUATION OF LATERAL-
DIRECTIONAL HANDLING QUALITIES FOR THE
FIGHTER MISSION. #
68 00361 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
LARGE-SCALE WIND-TUNNEL INVESTIGATION OF AN
AIRPLANE MODEL WITH A TILT WING OF ASPECT
RATIO 8.4, AND FOUR PROPELLERS, IN THE
PRESENCE OF A GROUND PLANE.0
68 01085 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
PROPOSED ANALYTICAL MODEL FOR THE FINAL
STAGES OF LANDING A TRANSPORT AIRPLANE.0
68 01086 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
NAVIGATOR PERFORMANCE STUDIES FOR SPACE
NAVIGATION USING THE NASA CV-990 RESEARCH
AIRCRAFT.0
68 01087 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
FULL-SCALE GROUND PROXIMITY INVESTIGATION
OF A VTOL FIGHTER MODEL AIRCRAFT.0
68 01262 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
PILOT DYNAMIC RESPONSE TO SUDDEN FLIGHT
CONTROL SYSTEM FAILURES AND IMPLICATIONS
FOR DESIGN.0
68 01275 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
STUDY OF AIRCRAFT IN SHORT HAUL
TRANSPORTATION SYSTEMS.0 VOLUME I,
FINAL REPORT.
68 01384 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
FEASIBILITY OF V/STOL CONCEPTS FOR
SHORT-HAUL TRANSPORT AIRCRAFT.0 SUPPLEMENT
68 01425 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
DYNAMIC RESPONSE OF A FAMILY OF
AXISYMMETRIC HAWKHEAD MODELS TO UNSTEADY
AERODYNAMIC LOADING.0
68 01429 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. 1
A STUDY OF THE CRITICAL COMPUTATIONAL
PROBLEMS ASSOCIATED WITH STRAPDOWN INERTIAL
NAVIGATION SYSTEMS.0
68 00847 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. 1
INVESTIGATION OF REFRACTORY DIELECTRICS FOR
INTEGRATED CIRCUITS.0
68 01003 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
FLIGHT RESEARCH CENTER, EDWARDS AFB, CALIF. 1
A USPAH MODIFICATION OF THE
WRIGHT SPIRITRATOR.0
68 00104 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. 1
PRELIMINARY EVALUATION OF X-70
AIRPLANE ENCOUNTERS WITH HIGH-ALTITUDE
TURBULENCE.0
68 00053 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. 1
DEVELOPMENT OF RESPIRATION-RATE
TRANSDUCERS FOR AIRCRAFT ENVIRONMENTS.0
68 00054 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. 1
AN ANALYSIS OF THE LIMIT-CYCLE AND
STRUCTURAL-RESONANCE CHARACTERISTICS OF THE
X-15 STABILITY AUGMENTATION SYSTEM.0
68 00304 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. 1
X-15 ANALOG AND DIGITAL INERTIAL SYSTEMS
FLIGHT EXPERIENCE.0
68 01428 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. 1
PRELIMINARY FLIGHT EVALUATION OF THE
STABILITY AND CONTROL DERIVATIVES AND DYNAMIC
CHARACTERISTICS OF THE UNAUGMENTED XB-70-1
AIRPLANE INCLUDING COMPARISONS WITH
PREDICTIONS.0
68 01435 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. 1
FLUX-FIELD INVESTIGATIONS ON THE
X-15 AIRPLANE AND MODEL UP TO HYPERSONIC
SPEEDS.0
68 01504 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
GEORGE C. MARSHALL SPACE FLIGHT CENTER, 1
HUNTSVILLE, ALA. 1
SPECIAL APPLICATIONS OF TWENTY-FOUR-HOUR
COMMUNICATION SATELLITES.0 PRESENTED AT THE
NATIONAL AERONAUTICS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JAN 3, 14, 15 AND 16, 1961.
68 1029 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
GOODARD SPACE FLIGHT CENTER, GREENBELT, MD. 1
GEOLGIC APPLICATIONS OF ORBITAL
PHOTOGRAPHY.0
68 22301 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
GOODARD SPACE FLIGHT CENTER, GREENBELT, MD. 1
OPTICAL AND MICROWAVE COMMUNICATIONS-A
COMPARISON.0
68 00834 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-1
LANGLEY RESEARCH CENTER, LANGLEY STATION, 1
HOUSE AND SONIC BOOM CONSIDERATIONS IN THE
OPERATION OF SUPERSONIC AIRCRAFT.0 PRESENTED AT
FOURTH CONGRESS OF THE INTERNATIONAL
COMMITTEE OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 20-28, 1964.
68 01017 NAT U

MICHIGAN, UNIV., ANN ARBOR, SYSTEMS
ENGINEERING LAB. I
MATHEMATICAL MODELS OF INFORMATION
SYSTEMS.0
68 01938 NAT U

MICHIGAN, STATE UNIV., EAST LANSING, I
APPLICATION OF OPTIMIZATION TECHNIQUES TO
THE DESIGN AND OPERATION OF V/SIC AIRCRAFT.0
68 01776 NAT U

MICHIGAN, UNIV., ANN ARBOR, INST. OF SCIENCE
AND TECHNOLOGY, I
AN EXPERIMENTAL INVESTIGATION OF THE
CALIBRATION OF ERRORS IN PREDICTED LINES
OF NAVIGATION SYSTEMS.0
68 00441 NAT U

MIDWEST RESEARCH INST., KANSAS CITY, MO. I
EFFECT OF EXTREME CONDITIONS OF THE
BEHAVIOR OF LUBRICANTS AND FLUIDS.0
68 00020 NAT U

MIL, M. L. I
VIBRATIONS AND DYNAMIC STABILITY.0
VOLUME II, TRANSLATION FROM RUSSIAN.
68 01014 NAT U

MILES, M. J. I
CUMULATIVE DISTRIBUTIONS OF VHF FIELD
STRENGTH OVER IRREGULAR TERRAIN USING
LOW ANTENNA HEIGHTS.0
68 00190 NAT U

MILLER, G. M. I
INVESTIGATION OF TURBOPROP ENGINE
CHARACTERISTICS DURING BIRD INGESTION.0
FINAL REPORT.
68 00423 NAT U

MILLER, G. G., III. I
EXPERIMENTAL BASE PRESSURES ON 9 DEGREE
SPHERICALLY BEUNTED CONES AT MACH NUMBERS FROM
10.5 TO 20.0
68 01503 NAT U

MILLER, D. A. I
COST EFFECTIVE PROVISIONING OF MAINTENANCE
SUPPORT ELEMENTS.0 PRESENTED AT THE IAS
THIRTY-FIRST ANNUAL MEETING, NEW YORK,
JANUARY 21, 22 AND 23 1963.
68 01934 NAT U

MILLER, D. C. I
ADAPTIVE CHARACTERISTICS OF THE HUMAN
CONTROLLER OF TIME-VARYING SYSTEMS.0
68 00618 NAT U

MILLER, C. P. I
FIXED-BASE FLIGHT SIMULATOR STUDIES OF
VIB AIRCRAFT HANDLING QUALITIES IN HOVERING
AND LOW-SPEED FLIGHT.0
68 00861 NAT U

MILLER, C. P., III. I
THE EFFECT OF WATER IMMERSION ON
PERCEPTION OF THE COGNITIVE ILLUSION IN
NORMAL AND EXPERIMENTAL-DEFECTIVE SUBJECTS.0
68 00416 NAT U

MILLER, C. P., III. I
CAPTURE OF MAN TO LOW INTENSITY MAGNETIC
FIELDS IN A COIL SYSTEM.0
68 00755 NAT U

MILLER, G. L. I
LATERAL-DIRECTIONAL FLYING QUALITIES FOR
POWER APPROACH - INFLUENCE OF DUTCH ROLL
FREQUENCY.0
68 00336 NAT U

MILLER, J. W. I
HUMAN ENGINEERING - CURRENT STATUS
AND FUTURE TRENDS.0
68 00290 NAT U

MILLER, N. I
THEORETICAL AND EXPERIMENTAL INVESTIGATION
OF THE INSTANTANEOUS INDUCED VELOCITY FIELD IN
THE WAKE OF A LIFTING ROTOR.0
68 00860 NAT U

MILLER, K. A. I
AN ANALYSIS OF THE USE OF MILITARY
AIRLIFT COMMAND RETROGRADE CARGO
CAPABILITY.0 MASTERS THESIS.
68 01143 NAT U

MILLER, K. G. I
AN APPLICATION OF MULTIPLE DISCRIMINANT
ANALYSIS TO THE PROBABILISTIC PREDICTION OF
METEOROLOGICAL CONDITIONS AFFECTING
OPERATIONAL DECISIONS.0
68 01203 NAT U

MILLER, W. K. I
MAINTENANCE COMMUNICATION SYSTEM
JACKSONVILLE ARTCC.0 FINAL REPORT.
68 01344 NAT U

MINER, A. C. I
EFFECTIVE USE OF GOVERNMENT AVIATION
WEATHER SERVICE.0
68 01289 NAT U

MIRONER, A. I
ARC JET ENGINE PERFORMANCE - EXPERIMENT
AND THEORY II.0 PRESENTED AT THE NATIONAL
ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
68 01023 NAT U

MISCHU, J. I
SYSTEMS ANALYSIS AND ADDITIONAL
INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND
PULSE DOPPLER RADAR.0
68 00776 NAT U

MISSISSIPPI STATE UNIV., STATE COLLEGE. I
AEROPHYSICS DEPT. I
EVALUATION OF THE PIPER PA-23B AGRICULTURAL
AIRCRAFT. 0
68 01192 NAT U

MISSISSIPPI STATE UNIV., STATE COLLEGE. I
AEROPHYSICS DEPT. I
DEVELOPMENT OF AN ENGINE-POWERED LIQUID
DISPERSAL SYSTEM FOR AGRICULTURAL AIRCRAFT.0
68 01193 NAT U

MISSISSIPPI STATE UNIV., STATE COLLEGE. I
AEROPHYSICS DEPT. I
EVALUATION OF THE CALLER A-9 AGRICULTURAL
AIRCRAFT.0 TECHNICAL REPORT.
68 01194 NAT U

MISSISSIPPI STATE UNIV., STATE COLLEGE, I
AEROPHYSICS DEPT. I
EVALUATION OF THE SNOW S-20 AGRICULTURAL
AIRCRAFT. FINAL TECHNICAL REPORT.
OF 01175 R NAT U

MISSISSIPPI STATE UNIV., STATE COLLEGE, I
AEROPHYSICS DEPT. I

EVALUATION OF THE GRUMMAN AG-CAT AGRICULTURE
AIRCRAFT. FINAL TECHNICAL REPORT.
OF 01175 R NAT U

MITCHELL, A. G. I
LOADING AND DESIGN WITH BRITTLE
MATERIALS. PRESENTED AT THE NATIONAL
ARCHIVES JUNE MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
OF 01175 NAT U

MITCHELL, A. G. I
THE CALCULATION OF AERODYNAMIC FORCES
ON PRESSURES ON WINGS ENTERING STEP
FLOW. OF 01175 NAT U

MITCHELL, A. G. I
COMPARISON OF METHODS TO CALCULATE
THE PRESSURE ON A STEADY AIRCRAFT IN
WIND TUNNELS. OF 01175 NAT U

MITCHELL, A. G. I
THE EFFECT OF POINT ACCURACIES
ON THE RESULTS OF TWO-LEVEL C. OF
OF 01175 NAT U

MITCHELL, A. G. I
DEVELOPMENT AND TEST OF A TECHNIQUE FOR
ESTABLISHING PERSONNEL PERFORMANCE STANDARDS
ZEPPELIN. PHASE IV. FINAL REPORT.
OF 01175 NAT U

MITCHELL, A. G. I
CONSTITUTIONAL AND ENVIRONMENTAL FACTORS
RELATED TO HUM LIPID AND LIPOPROTEIN
LEVELS. OF 01175 NAT U

MITCHELL, A. G. I
TRENDS IN SYSTOLIC BLOOD PRESSURE IN THE
THOUSAND AVIATOR ELEMENT OVER A TWENTY-FOUR-
YEAR PERIOD. OF 01175 NAT U

MITCHELL, A. G. I
EFFECT OF WIND ON RAIN BY RADAR. OF 01175 NAT U

MITCHELL, A. G. I
EFFECTS OF THE AUTOMATED TANK
LEVELS ON THE AIRCRAFT CONTROL
SYSTEMS. OF 01175 NAT U

MITCHELL, A. G. I
EFFECTS OF CALORIC RHYTHMS AND THE EFFECTS OF
CALORIC RHYTHMS ON THE EFFECTS OF
AIRCRAFT. OF 01175 NAT U

MUMFORD, S. R. I
THE TIME ZONE AND CIRCADIAN RHYTHMS IN
RELATION TO AIRCRAFT OCCUPANTS TAKING
LONG-DISTANCE FLIGHTS. OF 01175 R NAT U

MUMFORD, S. R. I
TIME ZONE EFFECTS. OF 01175 NAT U

MUMFORD, S. R. I
AIRCRAFT ACCIDENTS BY LIDER PERSONS. OF 01175 R NAT U

MULLER, L. G. I
COST EFFECTIVENESS METHODOLOGY. PART III.
APPLICATION OF WEISS STATISTICAL DECISION
THEORY TO COST EFFECTIVENESS DECISION.
FINAL REPORT. OF 01175 NAT U

MULVENEY, W. G. I
PROPERTIES AND APPLICATIONS OF A CLASS
OF MOTORS WITH CIRCULAR-ARC PROFILES. OF 01175 NAT U

MURPHY, A. I
APPROACHES TO THE MODAL SPLIT IN TRAFFIC
TRANSPORTATION. OF 01175 NAT U

MURPHY, C. L. I
THE INFLUENCE OF SOIL SUCTION ON THE
BEHAVIOR OF A GLACIAL TILL SUBJECTED TO
REPEATED LOADING. OF 01175 NAT U

MURPHY, C. L. I
JET FUEL STABILITY AND EFFECT OF FUEL-SYSTEM
MATERIALS. OF 01175 NAT U

MURPHY, A. J. I
COST EFFECTIVENESS METHODOLOGY. PART III.
APPLICATION OF WEISS STATISTICAL DECISION
THEORY TO COST EFFECTIVENESS DECISION.
FINAL REPORT. OF 01175 NAT U

MURPHY, J. M. I
OPERATION OF GUNN DEVICES IN A SERIES D-C
BIAS CONFIGURATION. VOLUME II.
FINAL REPORT 71 NOVEMBER 1966 TO 30 SEPTEMBER
1967. OF 01175 NAT U

MURPHY, M. I
SUMMARY OF ALL WEATHER LANDING SIMULATION
STUDIES. FINAL REPORT. OF 01175 R NAT U

MURPHY, M. I
ANALYSIS OF REPRODUCIBILITY AND
REPEATABILITY OF WEATHERING-LUBRICANT DEPOSITION
RATINGS. SUMMARY TECHNICAL REPORT (PHASE
I). OF 01175 NAT U

MURPHY, M. I
INVESTIGATION AND ANALYSIS OF AIRCRAFT
FUEL EMISSIONS. FINAL REPORT 71 JUNE
1966 TO 15 JUNE 1967. OF 01175 NAT U

MOONAW, M. L.]
TRANSPORTATION OF TRANSOCEANIC CARGO - A
DESIGN FOR RESEARCH.0
68 00540 NAT U

MOONAW, M. L.]
TRANSPORTATION OF TRANSOCEANIC CARGO - A
DESIGN FOR RESEARCH.0
68 01281 NAT U

MORRIS, J. J.]
TECHNICAL EVALUATION OF DIGITAL DEFRUITER
MX-7047 /XN-1/UPX.0 FINAL REPORT.
68 00470 NAT U

MOORE, G. P.]
A STUDY OF FINE-SURFACE INTERACTION FOR
THE CASE OF ROLLING ON A WET SURFACE.0
68 01145 NAT U

MOORE, G. P.]
NEW APPROACHES TO HUMAN-PILOT/VEHICLE
DYNAMIC ANALYSIS.0
FINAL REPORT /MARCH 1965 TO JUNE 1967/.
68 01111 NAT U

MOORE, J. P.]
RESEARCH AND DEVELOPMENT OF NON-DESTRUCTIVE
TESTING TECHNIQUES FOR COMPOSITES.0
68 00769 NAT U

MORHAUX, C. H.]
SST ENGINE INLET DUCT SEAL TEST - PHASE IIC
68 00250 NAT U

MORGAN, W. A.]
NUMERICAL FORECASTING OF CLEAR AIR
TURBULENCE.0
68 00294 NAT U

MORTY, L. L.]
THE RESPONSE OF A MOVING V/STOL AIRCRAFT
TO DISCRETE TURBULENCE.0 THESIS.
68 01075 NAT U

MURPHY, F. E.]
TEMPERATURE-STABILIZED MONOSTABLE
MULTIVIBRATOR.0
68 00318 NAT U

MORRIS, P. E.]
A QUEUING ANALYSIS OF THE TRAFFIC
HANDLING CAPABILITY OF A SATELLITE GROUND
TERMINAL.0 FINAL REPORT.
68 00118 NAT U

MURPHY, A. H.]
SOLID STATE HP LINEAR AMPLIFIER.0
FINAL REPORT.
68 00115 NAT U

MURRAY, C. A.]
CIRCUIT PLACEMENT WITHIN THE PS STAIRS AND
AIRLIFT.0 PHASE REPORT.
68 00561 NAT U

MURRAY, P. E. & P. S.]
EFFECTS OF BAND CUTOFF FILTERS ON COLOR
DISCRIMINATION.0 PHASE REPORT.
68 00970 NAT U

MOSELEY, M. G.]
LETHAL LESIONS INCURRED IN AIRCRAFT
ACCIDENTS.0
68 70011 NAT U

MOSES, A.]
CONTRIBUTION OF ACTIVITY TO THE CIRCADIAN
RHYTHM IN EXCRETION OF MAGNESIUM AND
CALCIUM.0
68 01476 NAT U

MOSS, M. S.]
RESEARCH STUDY FOR THE DESIGN OF A
PORTABLE VTU: BLAST CONTROLLING
PLATFORM.0 FINAL REPORT.
68 00190 NAT U

MOULA, INC., CHICAGO. I
LOW COST DIGITAL DATA COMMUNICATIONS
LINK.0 FINAL TECHNICAL REPORT /JANUARY
1966 TO FEBRUARY 1967/.
68 01165 NAT U

MT. AUBURN RESEARCH ASSOCIATES, INC., I
CAMBRIDGE, MASS. I
INVESTIGATION OF VARIOUS AVIATION
OBSTRUCTION MARKERS.0
68 01456 NAT U

MUDIE, J. O.]
ON THE OPTIMIZATION OF TRANSPONDER SPACING
FOR RANGE-RANGE NAVIGATION.0
68 01114 NAT U

MUFFLEY, M. G.]
EVALUATION OF VEHICLE CORROSION
PREVENTIVES.0
68 00870 NAT U

MUSFORD, C. E.]
AN ASSESSMENT OF THE LONG TERM SEMICONDUCTOR
REQUIREMENTS FOR STATIC POWER CONVERSION
EQUIPMENT.0
68 00606 NAT U

MUNSTEIN, L.]
AN EXPERIMENTAL STUDY OF THE INFLUENCE OF
THE TURBULENT BOUNDARY LAYER ON PANEL
FLUTTER.0
68 00749 NAT U

MUNSTEIN, L. JR.]
AN EXPERIMENTAL STUDY OF THE INFLUENCE OF
THE TURBULENT BOUNDARY LAYER ON PANEL
FLUTTER.0
68 01082 NAT U

MULLARD RESEARCH LABS. I
HYPERSONIC WAVES IN PIEZOELECTRIC
CRYSTALS.0
68 00504 NAT U

MULLER, J. A.]
EVALUATE CIVIL ONE INTERMODATORS
ON ICAO MODE Y CHANNELS OPERATION.0
68 00275 NAT U

MULLER, J. A.]
WEATHER EFFECTS ON VORTEX FACILITIES
TACAN /TACAN ANTENNA TESTS.0 FINAL
REPORT.
68 00102 NAT U

- MULLER, J. A. |
WEATHER EFFECTS ON VORTAC FACILITIES
FOR MONITOR DETECTOR TESTS.#
68 00447 NAT U
- MURPHY, J. V. |
ON THE DESIGN OF HYPERSONIC AIRCRAFT.#
PRESENTED AT THE IAS TWENTY-NINTH ANNUAL
MEETING, NEW YORK, JANUARY 23, 24 AND 25,
1961.
64 01017 NAT U
- MURPHY, A. G. |
CURRENT DISTRIBUTIONS AND RADIATION
PATTERNS FOR CIRCULAR-ARRAY RADAR ANTENNA -
THEORY.#
68 00780 NAT U
- MURPHY, P. L. |
A STUDY OF SOLID-FULL RAMJET APPLICATIONS.#
PRESENTED AT THE AAS-IAS JOINT MEETING, LOS
ANGELES, CALIFORNIA, JUNE 13, 14, 15 AND 16,
1961.
68 01025 NAT U
- MURATA, H. |
UHF TRANSMISSION LINE CAPABLE OF
CONTINUOUS RADIATION ALONG ITS AXIS.#
68 00030 NAT U
- MURPHY, J. J. |
INTEGRATED COCKPIT RESEARCH PROGRAM -
VOLUME II.#
68 00551 NAT U
- MURPHY, J. V. |
INTEGRATED COCKPIT RESEARCH
PROGRAM.# VOLUME I. FINAL REPORT.
68 00066 NAT U
- MURPHY, J. V. |
INTEGRATED COCKPIT RESEARCH PROGRAM.#
VOLUME II. FINAL REPORT.
68 00067 NAT U
- MURPHY, J. V. |
INTEGRATED COCKPIT RESEARCH PROGRAM.#
68 00139 NAT U
- MURPHY, J. V. |
INTEGRATED COCKPIT RESEARCH PROGRAM.#
APPENDIX II.
68 00140 NAT U
- MURPHY, J. V. |
INTEGRATED COCKPIT RESEARCH PROGRAM.#
VOLUME I. FINAL REPORT.
68 00470 NAT U
- MURPHY, J. V. |
INTEGRATED COCKPIT RESEARCH PROGRAM.#
VOLUME I. FINAL REPORT.
68 00547 NAT U
- MURRAY, A. E. |
ELECTRONIC AUDIO RECOGNITION STUDY.#
68 00701 NAT U
- MURRAY, F. W. |
A METHOD OF OBJECTIVE CONTOUR
CONSTRUCTION.#
68 01044 NAT U
- MYACHIN, V. Y. |
DYNAMIC BALANCING OF ROTORS USED
IN INSTRUMENT MAKING.#
68 00375 NAT U
- MYERS, I. F. |
EFFECTS OF CABLE AND CIRCUIT PARAMETERS ON
THE PRECISION CALIBRATION OF A CHARGE
AMPLIFIER.#
68 00755 NAT U
- MYERS, W. S. |
ACCOMMODATION EFFECTS IN MULTI-COLOR
DISPLAYS.#
68 00536 NAT U
- MYKLESTAD, N. P. |
AIRCRAFT PASSENGER-SEAT-SYSTEM RESPONSE
TO IMPULSIVE LOADS.#
68 00065 NAT U
- NAGEL, D. C. |
GROWTH OF NOISE FOR TONES AND
BANDS OF NOISE AT DIFFERENT FREQUENCIES.#
TECHNICAL REPORT.
68 00315 NAT U
- NAGEL, D. C. |
THE EFFECTS OF BACKGROUND NOISE UPON
PERCEIVED NOISE.# TECHNICAL REPORT.
68 00316 NAT U
- MANEVICZ, J. S. |
EXPERIMENTAL DEVELOPMENT OF DYNAMIC
STATIC DISCHARGER SYSTEM FOR LARGE JET
AIRCRAFT.# TECHNICAL FINAL REPORT /JULY
1966 TO AUGUST 1967.
68 01147 NAT U
- NASH, M. J. B. |
AN EVALUATION OF SOME RAIN REPELLANTS FOR
AIRCRAFT GLASS WINDSCREENS.#
68 00735 NAT U
- NATHAN /ROBERT R./ ASSOCIATES, INC. |
WASHINGTON, D. C. |
THE JOB MARKET FOR PILOTS AND MECHANICS.#
MID-1967.
68 00675 NAT U
- NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D. |
C. |
REPORT ON GENERATION AND PROPAGATION OF
SONIC BOOM.#
68 00640 NAT U
- NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS, |
WASHINGTON, D. C. |
SOME FACTORS CONTRIBUTING TO SCALE EFFECT
AT SUPERSONIC SPEEDS.#
68 00586 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, |
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. |
SOME EFFECTS OF MACH NUMBER AND
GEOMETRY ON SONIC BOOM.#
68 00020 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, |
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. |
STUDY ON THE FEASIBILITY OF V/STOL
CONCEPTS FOR SHORT HAUL TRANSPORT AIRCRAFT.#
68 00050 NAT U

- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
STUDIES OF MULTIVARIABLE MANUAL
CONTROL SYSTEMS.#
68 00095 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
LARGE-SCALE WIND-TUNNEL INVESTIGATION
OF A V/STOL TRANSPORT MODEL WITH WING-
MOUNTED LIFT FANS AND FUSELAGE-MOUNTED
LIFT-CRUISE ENGINES FOR PROPULSION.#
68 00100 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
HYPERSONIC SPEEDS.#
68 00107 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
LONGITUDINAL AERODYNAMIC CHARACTERISTICS
IN GROUND EFFECT OF A LARGE-SCALE, V/STOL
MODEL WITH FOUR TILTING DUCTED FANS ARRANGED
IN A DUAL TANDER CONFIGURATION.#
68 00169 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
A DESCRIPTIVE MODEL FOR DETERMINING
OPTIMAL HUMAN PERFORMANCE IN SYSTEMS.#
VOLUME IV. FINAL SUMMARY REPORT.
68 00210 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
ADDITIONAL STUDIES ON THE FEASIBILITY
OF V/STOL CONCEPTS FOR SHORT-HAUL TRANSPORT
AIRCRAFT.#
68 00295 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
THEORETICAL ERROR ANALYSIS OF A
DOPPLER RANGE-RATE AND PHASE-MODULATED
RANGE TRACKING SYSTEM.#
68 00307 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
LARGE-SCALE WIND-TUNNEL INVESTIGATION
OF A MODEL WITH AN EXTERNAL JET-ENHANCED
FLAP.#
68 00308 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
BALLISTIC-RANGE TESTS OF A
DRAG-RING CONFIGURATION AT MACH
NUMBERS AROUND TWO.#
68 00310 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
STUDY OF AIRCRAFT IN SHORT HAUL
TRANSPORTATION SYSTEMS.#
68 00491 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
ANALOG STUDY OF THE LONGITUDINAL RESPONSE
OF A SWEEP-WING TRANSPORT AIRPLANE TO WIND
SHEAR AND SUSTAINED GUSTS DURING LANDING
APPROACH.#
68 00627 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
LARGE-SCALE WIND-TUNNEL TESTS OF AN AIRPLANE
MODEL WITH TOW PROPELLERS AND ROTATING CYLINDER
FLAPS.#
68 00629 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
A PILOTED SIMULATOR STUDY OF TAKEOFF
PERFORMANCE AND HANDLING QUALITIES OF A
DOUBLE-DELTA SUPERSONIC TRANSPORT.#
68 00667 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
AN EXPERIMENTAL STUDY OF THE INFLUENCE OF
THE TURBULENT BOUNDARY LAYER ON PANEL
FLUTTER.#
68 00749 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
NAVIGATOR PERFORMANCE USING A HAND-HELD
SEXTANT TO MEASURE THE ANGLE BETWEEN A MOVING
FLASHING LIGHT AND A SIMULATED STAR.#
68 00840 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
THE PENETRATION OF POROUS PROJECTILES IN
ALUMINUM AND PLASTIC TARGETS.#
68 00842 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
A METHOD FOR PREDICTING SHOCK SHAPES
AND PRESSURE DISTRIBUTIONS FOR A WIDE VARIETY
OF BLUNT BODIES AT ZERO ANGLE OF ATTACK.#
68 00845 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
EFFECT OF HYPOXIA ON MYOCARDIUM IN
HEART-LUNG PREPARATION.#
68 00955 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
EFFECT OF BLOOD PH AND CO2 TENSION ON THE
PERFORMANCE OF THE HEART-LUNG PREPARATION.#
68 00956 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
CARDIAC OUTPUT AND REGIONAL BLOOD FLOW IN
CONSCIOUS RATS EXPOSED TO ACUTE HYPOXIA.#
68 00957 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
SIMULATOR REQUIREMENTS DEDUCED FROM
COMPARISONS OF PILOTS PERFORMANCE IN GROUND
SIMULATORS AND IN AIRCRAFT.# PRESENTED AT
FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
68 01039 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. 1
AN EXPERIMENTAL STUDY OF THE INFLUENCE OF
THE TURBULENT BOUNDARY LAYER ON PANEL
FLUTTER.#
68 01062 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. |
LARGE-SCALE WIND-TUNNEL INVESTIGATION OF AN
AIRPLANE MODEL WITH A TILT WING OF ASPECT
RATIO 8.4, AND FOUR PROPELLERS, IN THE
PRESENCE OF A GROUND PLANE.#
68 01015 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. |
PROPOSED ANALYTICAL MODEL FOR THE FINAL
STAGES OF LANDING A TRANSPORT AIRPLANE.#
68 01006 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. |
NAVIGATION PERFORMANCE STUDIES FOR SPACE
NAVIGATION USING THE NASA CY-990 RESEARCH
AIRCRAFT.#
68 01011 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. |
FULL-SCALE GROUND PROXIMITY INVESTIGATION
OF A TILT FIGHTER MODEL AIRCRAFT.#
68 01262 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. |
PILOT DYNAMIC RESPONSE TO SUDDEN FLIGHT
CONTROL SYSTEM FAILURES AND IMPLICATIONS
FOR DESIGN.#
68 01275 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. |
STUDY OF AIRCRAFT IN SHORT HAUL
TRANSPORTATION SYSTEMS.# VOLUME I,
FINAL REPORT.
68 01384 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. |
FEASIBILITY OF VSTOL CONCEPTS FOR
SHORT-HAUL TRANSPORT AIRCRAFT.# SUPPLEMENT
68 01425 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF. |
DYNAMIC RESPONSE OF A FAMILY OF
AXISYMMETRIC HAMMERHEAD MODELS TO UNSTEADY
AERODYNAMIC LOADING.#
68 01426 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. |
A STUDY OF THE CRITICAL COMPUTATIONAL
PROBLEMS ASSOCIATED WITH STRAPOD INERTIAL
NAVIGATION SYSTEMS.#
68 00847 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS. |
INVESTIGATION OF REFRACTORY DIELECTRICS FOR
INTEGRATED CIRCUITS.#
68 01063 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
FLIGHT RESEARCH CENTER, EDWARDS AFB, CALIF. |
A USEFUL MODIFICATION OF THE
WRIGHT SPIRITMETER.#
68 00166 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. |
PRELIMINARY EVALUATION OF XB-70
AIRPLANE ENCOUNTERS WITH HIGH-ALTITUDE
TUMBLANCE.#
68 00054 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. |
DEVELOPMENT OF RESPIRATION-RATE
TRANSDUCERS FOR AIRCRAFT ENVIRONMENTS.#
68 00054 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. |
AN ANALYSIS OF THE LIMIT-CYCLE AND
STRUCTURAL-RESONANCE CHARACTERISTICS OF THE
X-15 STABILITY AUGMENTATION SYSTEM.#
68 00309 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. |
X-15 ANALOG AND DIGITAL INERTIAL SYSTEMS
FLIGHT EXPERIENCE.#
68 01428 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. |
PRELIMINARY FLIGHT EVALUATION OF THE
STABILITY AND CONTROL DERIVATIVES AND DYNAMIC
CHARACTERISTICS OF THE UNAUGMENTED XB-70-1
AIRPLANE INCLUDING COMPARISONS WITH
PREDICTIONS.#
68 01435 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
FLIGHT RESEARCH CENTER, EDWARDS, CALIF. |
FLOW-FIELD INVESTIGATIONS ON THE
X-15 AIRPLANE AND MODEL UP TO HYPERSONIC
SPEEDS.#
68 01304 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
GEORGE C. MARSHALL SPACE FLIGHT CENTER,
HUNTSVILLE, ALA. |
SPECIAL APPLICATIONS OF TWENTY-FOUR-HOUR
COMMUNICATION SATELLITES.# PRESENTED AT THE
NATIONAL AERONAUTICS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
68 01029 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. |
LOGIC APPLICATIONS OF ORBITAL
PHOTOGRAPHY.#
68 22361 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
GODDARD SPACE FLIGHT CENTER, GREENBELT, MD. |
OPTICAL AND MICROWAVE COMMUNICATIONS-A
COMPARISON.#
68 00639 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION, |
NOISE AND SONIC BOOM CONSIDERATIONS IN THE
OPERATION OF SUPERSONIC AIRCRAFT.# PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
68 01037 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
EFFECT OF DIRECTED COVERS OVER CROSS
SECTS IN A POLAROID WAVEGUIDE.#
68 00051 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
STATIC, SUBSONIC, AND SUPERSONIC
LOADING OF JET GRAPHITE COMPOSITES.#
68 00052 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
DISCRETE-ELEMENT FOR THE
PLASTIC ANALYSIS OF STRUCTURES.#
68 00056 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
AERODYNAMIC HEATING IN THE VICINITY OF
CORNERS AT HYPERSONIC SPEEDS.#
68 00097 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
SUBSONIC AND SUPERSONIC FLUTTER
ANALYSIS OF A HIGHLY TAPERED
SWEEP-WING PLANFORM, INCLUDING EFFECTS OF
DENSITY VARIATION AND FINITE WING THICKNESS,
AND COMPARISON WITH EXPERIMENT.#
68 00099 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
HYPERSONIC SPEEDS.#
68 00167 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
AN ANALYSIS OF PERFORMANCE ESTIMATION
METHODS FOR AIRCRAFT.#
68 00170 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
SUBSTANTIATING TECHNICAL DATA.#
VOLUME III.
68 00179 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
A MOVING-BELT GROUND PLANE FOR WIND-
TUNNEL GROUND SIMULATION AND RESULTS FOR
TWO JET-FLAP CONFIGURATIONS.#
68 00206 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
WIND-TUNNEL INVESTIGATION OF A
3/8-SCALE AUTOMOBILE MODEL OVER A
MOVING-BELT GROUND PLANE.#
68 00225 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
EFFECT OF THRUST AND ALTITUDE IN STEEP
APPROACHES ON GROUND TRACK NOISE.#
68 00250 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
STRESS CORRUSSION OF TITANIUM
ALLOYS UNDER SIMULATED SUPERSONIC FLIGHT
CONDITIONS.#
68 00300 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
EFFECT OF GROUND PROXIMITY ON THE
LONGITUDINAL, LATERAL, AND CONTROL
AERODYNAMIC CHARACTERISTICS OF A TILT-WING
FOUR-PROPELLER V/STOL MODEL.#
68 00300 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
A GENERAL METHOD FOR DESIGNING
CIRCULAR ARRAY ANTENNAS TO OBTAIN
QUASI-UNIDIRECTIONAL PATTERNS.#
68 00304 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
FLIGHT INVESTIGATION OF PERFORMANCE
CHARACTERISTICS DURING LANDING APPROACH
OF A LARGE POWERED-LIFT JET TRANSPORT.#
68 00305 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
WIND-TUNNEL INVESTIGATION OF A
DEFLECTED-SLIPSTREAM CRUISE-FAN V/STOL
AIRCRAFT WING.#
68 00306 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
A SIMULATOR STUDY OF A PICTORIAL NAVIGATION
DISPLAY IN INSTRUMENT DEPARTURES OF THE
SUPERSONIC TRANSPORT.#
68 00448 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
A PILOTED FIXED-BASE SIMULATOR STUDY OF
LOW-SPEED FLIGHT CHARACTERISTICS OF AN
ARROW-WING SUPERSONIC TRANSPORT DESIGN.#
68 00490 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
FLIGHT INVESTIGATION TO DETERMINE THE EFFECT
OF LONGITUDINAL CHARACTERISTICS ON LOW-SPEED
INSTRUMENT OPERATION.#
68 00628 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
Euler-SUBSONIC FLIGHT AND FORCE INVESTIGATION
OF A SUPERSONIC TRANSPORT MODEL WITH A DOUBLE-
DELTA WING.#
68 00636 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
THE APERTURE ADMITTANCE OF A GROUND-PLANE-
MOUNTED WAVEGUIDE ILLUMINATING A PERFECTLY
CONDUCTING SHEET.#
68 00637 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
ANALYSIS OF HUMAN RESPONSE IN VISUAL
CONTROL TASKS.#
68 00638 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
EFFECTS OF LONGTIME ENVIRONMENTAL
EXPOSURE ON MECHANICAL PROPERTIES OF SHEET
MATERIALS FOR A SUPERSONIC TRANSPORT.#
68 00639 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
FLUTTER OF BUCKLED, SIMPLY SUPPORTED,
RECTANGULAR PANELS AT SUPERSONIC SPEEDS.#
68 00641 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
STATIC AND DYNAMIC LONGITUDINAL STABILITY
DERIVATIVES OF A POWERED 0.18-SCALE MODEL
OF A FAN-IN-WING VTOL AIRCRAFT.#
68 00687 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
CALCULATION OF THE DYNAMIC LONGITUDINAL
STABILITY OF A TILT-WING V/STOL AIRCRAFT AND
CORRELATION WITH MODEL FLIGHT TESTS.#
68 00688 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
AN ANALYSIS OF VGH DATA FROM ONE TYPE OF
FOUR-ENGINE TURBOJET TRANSPORT AIRPLANE
DURING COMMERCIAL OPERATIONS.#
68 00756 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
EVALUATION OF A CLOSED-CIRCUIT TELEVISION
DISPLAY IN LANDING OPERATIONS WITH A
HELICOPTER.#
68 00757 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
MEASUREMENTS OF GROUND EFFECT ON A LOW-
ASPECT-RATIO GULL-WING AIRPLANE MODEL AND
CALCULATIONS OF LANDING-PLANE TRAJECTORIES.#
68 00759 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
EFFECTS OF PAVEMENT TEXTURE ON WET-RUNWAY
BRAKING PERFORMANCE.#
68 00760 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
SUBSONIC AND TRANSONIC FLUTTER AND FLOW
INVESTIGATIONS OF THE T-TAIL OF A LARGE
MULTIJET CARGO AIRPLANE.#
68 00763 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
WIND-TUNNEL INVESTIGATION OF LATERAL
AERODYNAMIC CHARACTERISTICS OF A POWERED
FLOOR-DUCT-PROPELLER VTOL MODEL IN
TRANSITION.#
68 00764 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
THE INPUT ADMITTANCE OF A RECTANGULAR
APERTURE ANTENNA LOADED WITH A DIELECTRIC
PLUG.#
68 00814 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
AN INVESTIGATION OF EXTREMELY FLEXIBLE
LIFTING ROTORS.#
68 00816 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
REVIEW OF CAUSES AND ALLEVIATION OF LOW
TIRE TRACTION ON WET RUNWAYS.#
68 00817 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
NOISE MEASUREMENTS DURING TAKE-OFF-CLIMBOUT
OPERATIONS OF JET TRANSPORTS.#
68 00820 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
SUMMARY OF VGH DATA COLLECTED ON ONE TYPE
OF TWIN-ENGINE JET AIRPLANE DURING AIRLINE
OPERATIONS.#
68 00843 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
AN INVESTIGATION OF THE HELICOPTER HEIGHT-
VELOCITY DIAGRAM SHOWING EFFECTS OF DENSITY
ALTITUDE AND GROSS WEIGHT.#
68 00844 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1
NARROW BAND CROSS-CORRELATION ANALYSIS OF
FLUCTUATING PRESSURES BENEATH A TURBULENT
BOUNDARY LAYER.#
68 00995 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

SONIC BOOM - ITS SIGNATURE
CHARACTERISTICS.#
68 01204

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

FULL-SCALE WIND-TUNNEL INVESTIGATION OF THE
LONGITUDINAL AND LATERAL CHARACTERISTICS OF A
LIGHT, TWIN-ENGINE AIRPLANE.# LANGLEY WORKING
PAPER.
68 01256

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

SIMULATION STUDIES OF THE SUPERSONIC
TRANSPORT IN THE PRESENT-DAY AIR TRAFFIC
CONTROL SYSTEM.#
68 01271

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

HOT-GAS INGESTION INVESTIGATION OF LARGE-
SCALE JET VTOL FIGHTER-TYPE MODELS.#
68 01273

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

STUDY OF THE OPTIMUM VALUES OF SEVERAL
PARAMETERS AFFECTING LONGITUDINAL HANDLING
QUALITIES OF VTOL AIRCRAFT.#
68 01274

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

THE NOISINESS OF TONES PLUS NOISE.#
68 01294

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

TEST SECTIONS FOR SMALL THEORETICAL WIND-
TUNNEL-BOUNDARY INTERFERENCE ON V-STOL
MODELS.#
68 01412

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

A PRELIMINARY STUDY OF THE AWAKENING AND
STARTLE EFFECTS OF SIMULATED SONIC BOOMS.#
68 01415

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

INVESTIGATION OF THE CALIBRATION OF
MICROPHONES FOR SONIC BOOM MEASUREMENT.#
68 01419

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

A STUDY OF TURBOFAN-ENGINE COMPRESSOR-
NOISE-SUPPRESSION TECHNIQUES.#
68 01422

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

PROCEDURES FOR ESTIMATING THE EFFECTS OF
DESIGN AND OPERATIONAL CHARACTERISTICS OF JET
AIRCRAFT ON GROUND NOISE.#
68 01424

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

EFFECT OF SPEED BRAKES ON THE SUPERSONIC
AERODYNAMIC CHARACTERISTICS OF A VARIABLE-
SWEEP TACTICAL FIGHTER MODEL AT MACH NUMBERS
FROM 1.60 TO 2.50.#
68 01427

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

INVESTIGATION OF THE EFFECT OF WHEEL
BRAKING ON SIDE-FORCE CAPABILITY OF
A PNEUMATIC TIRE.#
68 01430

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

A SUMMARY OF RESULTS ON SONIC-BOOM
PRESSURE-SIGNATURE VARIATIONS ASSOCIATED WITH
ATMOSPHERIC CONDITIONS.#
68 01433

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

A SUMMARY OF ROTOR-HUB BENDING MOMENTS
ENCOUNTERED BY A HIGH-PERFORMANCE HINGELESS-
ROTOR HELICOPTER DURING MAN-OV-THE-EARTH
MANEUVERS.#
68 01434

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

TRENDS IN REPEATED LOADS ON TRANSPORT
AIRPLANES.#
68 01436

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

DIVERGENCE OF SOME ALL-MOVABLE
CONTROL SURFACES INCLUDING DRAG LOADINGS.#
68 01501

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

EFFECT OF SHAPE CHANGES ON THE
AERODYNAMIC CHARACTERISTICS OF A TWISTED AND
CAMBERED ARROW WING AT MACH NUMBER 2.03.#
68 01502

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA. 1

EXPERIMENTAL BASE PRESSURES ON 9 DEGREE
SPHERICALLY BLUNTED CONES AT MACH NUMBERS FROM
10.5 TO 20.0
68 01503

NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND. |
PERFORMANCE EVALUATION OF A TWO-STAGE
AXIAL-FLOW TURBINE FOR M VALUES OF TIP
CLEARANCE.#
68 00489 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND. |
ANALYTICAL DETERMINATION OF RADIAL INFLOW
TURBINE DESIGN GEOMETRY FOR MAXIMUM
EFFICIENCY.#
68 00689 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND. |
EFFECTS OF CABLE AND CIRCUIT PARAMETERS ON
THE PRECISION CALIBRATION OF A CHARGE
AMPLIFIER.#
68 00755 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND. |
DETAILED ANALYTICAL AND EXPERIMENTAL
INVESTIGATION OF CLIMATE PERFORMANCE.#
PART II.
68 00758 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND. |
ANALYSIS OF IMPULSE TURBINE-BLADE SECTIONS
.# PART II.
68 00815 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND. |
OUT-OF-THE-ECLIPSE-PLANE PROBE MISSION
EMPLOYING ELECTRIC PROPULSION.#
68 00818 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND. |
EXPERIMENTS ON STABILITY OF HERRINGBONE-
SMOOTHED GAS-LUBRICATED JOURNAL BEARINGS TO
HIGH COMPRESSIBILITY NUMBERS.#
68 00841 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND. |
TEXTURE STRENGTHENING AND FRACTURE
TOUGHNESS OF TITANIUM ALLOY SHEET AT ROOM
AND CRYOGENIC TEMPERATURES.#
68 00894 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND. |
ULTRASONIC DETECTION AND MEASUREMENT
OF FATIGUE CRACKS IN NOTCHED SPECIMENS.#
68 01500 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND, OHIO. |
RADIO-FREQUENCY INDUCTION HEATING OF
LOW-PRESSURE PLASMAS.#
68 00168 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND, OHIO. |
HYDROGEN-OXYGEN CHEMICAL REACTION
KINETICS IN ROCKET ENGINE COMBUSTION.#
68 00303 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND, OHIO. |
STRUCTURAL FEASIBILITY STUDY OF
PRESSURIZED TANKS FOR LIQUID-METHANE
FUELED SUPERSONIC AIRCRAFT.#
68 00311 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND, OHIO. |
PROPOSAL FOR HYPERSONIC TRANSPORT
AIRCRAFT.# PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 29-30, 1964.
68 01041 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND, OHIO. |
AIRPLANE SIZE AND STAGING EFFECTS ON SST
CRUISE SONIC BOOM.#
68 01172 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LEWIS RESEARCH CENTER, CLEVELAND, OHIO. |
REFRACTORY-METAL-FIBER-NITRIDE-BASED ALLOY
COMPOSITES FOR USE AT HIGH TEMPERATURES.#
68 01420 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
MANNED SPACECRAFT CENTER, HOUSTON, TEX. |
SUBCRITICAL CRYOGENIC STORAGE DEVELOPMENT
AND FLIGHT TEST.#
68 00686 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
MANNED SPACECRAFT CENTER, HOUSTON, TEX. |
CHEMICALLY INDUCED IGNITION IN AIRCRAFT
AND SPACECRAFT ELECTRICAL CIRCUITRY BY
GLYCOL/WATER SOLUTIONS.#
68 00893 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
MANNED SPACECRAFT CENTER, HOUSTON, TEX. |
RADIATION MONITORING WITH NUCLEAR EMULSIONS
ON PROJECT GEMINI. THE FLUX OF GALACTIC HEAVY
PRIMARYS ON GEMINI VII.# PART III.
68 00951 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
MANNED SPACECRAFT CENTER, HOUSTON, TEX. |
AN INTEGRATED-CIRCUIT DIRECT-COUPLED
AMPLIFIER FOR SPACECRAFT USE.#
68 01431 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
MANNED SPACECRAFT CENTER, HOUSTON, TEX. |
FLAMMABLE AND TOXIC MATERIALS IN THE
OXYGEN ATMOSPHERE OF MANNED SPACECRAFT.#
68 01432 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
SCIENTIFIC AND TECHNICAL INFORMATION
FACILITY, WASHINGTON, D. C. |
AIRCRAFT PRELIMINARY DESIGN REPORT
V/STOL JET OPERATIONS RESEARCH AIRPLANE
DESIGN STUDY-SECTIONS I TO V.# PART I.
68 00599 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
WASHINGTON, D. C. |
FORE-AND-AFT STIFFNESS CHARACTERISTICS
OF PNEUMATIC TIRES.#
68 00021 NAT U

- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
CRACK PROPAGATION THEORIES.#
68 00022 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
THERMAL INSULATION SYSTEMS.#
A SURVEY.
68 00093 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
EVALUATION OF USER REACTIONS TO A
SYSTEM.#
68 00094 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
PRESENT AND FUTURE STATE OF THE
ART IN GUIDANCE COMPUTER MEMORIES.#
68 00098 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
FUEL CELLS.#
68 00171 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
VTOL FLIGHT CONTROL SYSTEMS.#
68 00178 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
CONTAMINATION CONTROL PRINCIPLES.#
68 00207 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
COMPUTER DRIVEN ELECTROLUMINESCENT
VERTICAL SCALE INDICATOR.#
68 00208 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
DESIGN OF TWO ELECTROMAGNETIC
PUMPS.#
68 00209 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
ELECTRICITY OF THE FREE ATMOSPHERE.#
68 00224 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
DEVELOPMENT AND FLIGHT TESTING OF
A FLUIDIC FLIGHT CONTROL SYSTEM.#
68 00225 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
THIN-FILM PERSONAL COMMUNICATIONS AND
TELEMETRY SYSTEM /TFPCTS/.#
68 00227 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
THE PROPAGATION OF SOUND FROM AIRPORT
GROUND OPERATIONS.#
68 00476 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
ON THE PREDICTION OF THE NEAR FIELD NOISE
OF SUPERSONIC JETS.#
68 00492 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
AIRCRAFT ACCIDENTS AND ESCAPE SYSTEMS.#
68 00494 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
INVESTIGATION OF REFRACTORY DIELECTRICS
FOR INTEGRATED CIRCUITS.#
68 00670 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
COMPUTATIONS OF ELASTIC TENSOMETRIC
ELEMENTS.#
68 00685 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
RECOMMENDATIONS FOR UPDATING AND IMPROVING
THE FEDERAL AIRCRAFT NOISE ALLEVIATION
PROGRAM.#
68 00693 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
RECENT ADVANCES IN DISPLAY MEDIA.# A
SYMPOSIUM HELD IN CAMBRIDGE, MASSACHUSETTS
SEPTEMBER 19-20, 1967.
68 00691 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
A TORQUE MOTOR SERVOMOTOR FOR VESTIBULAR
APPLICATION.#
68 00930 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
THE CURIOLIS ACCELERATION PLATFORM - A
UNIQUE VESTIBULAR RESEARCH DEVICE.#
68 00931 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
CONSTITUTIONAL AND ENVIRONMENTAL FACTORS
RELATED TO SERUM LIPID AND LIPOPROTEIN
LEVELS.#
68 00940 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
TRENDS IN SYSTOLIC BLOOD PRESSURE IN THE
THOUSAND AVIATOR COHORT OVER A TWENTY-FOUR-
YEAR PERIOD.#
68 00943 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
RESPONSES FROM THE LATERAL AND THE VERTICAL
CANALS TO TWO STIMULUS DIRECTION.# VOLUME I.
68 00946 NAT U
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C. |
RESPONSES TO LATERAL CANAL STIMULI OF
VARIOUS ACCELERATIONS.# VOLUME II.
68 00947 NAT U

AUTHOR INDEX

04/010 1

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
THE EFFECT OF WATER IMMERSION ON
PERCEPTION OF THE OCULOGRAVIC ILLUSION IN
NORMAL AND LABYRINTHINE-DEFECTIVE SUBJECTS.0
68 00950 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
EXPOSURE OF MAN TO LOW INTENSITY MAGNETIC
FIELDS IN A COIL SYSTEM.0
68 00952 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
TWO DEVICES FOR ANALYSIS OF NYSTAGMUS.0
68 00954 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
KINEMATICS NOMENCLATURE FOR PHYSIOLOGICAL
ACCELERATIONS.0 WITH SPECIAL REFERENCE TO
VESTIBULAR APPLICATIONS.
68 00959 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
VIBRATIONS AND DYNAMIC STABILITY.0
VOLUME II, TRANSLATION FROM RUSSIAN.
68 01014 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
PROCEEDINGS OF THE CONFERENCE ON SONIC
BOOM RESEARCH, WASHINGTON, D. C., APRIL 12,
1967.0
68 01148 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
TRANSFER OF HABIT OF MOTION SICKNESS
ON CHANGE IN BODY POSITION BETWEEN VERTICAL
AND HORIZONTAL IN A ROTATING ENVIRONMENT.0
68 01208 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
SYSTEMS DESIGN.0
68 01257 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
OUTPUT REPORTS.0 SUPPLEMENT NUMBER 1.
68 01259 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
PROJECT DIOSCURES - A SYSTEM OF CONTROL AND
AERIAL NAVIGATION FOR SATELLITES.0
68 01409 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
SECOND CONFERENCE ON SONIC BOOM RESEARCH,
WASHINGTON, D. C., MAY 9, 10, 1968.0
68 01414 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
HYDRODYNAMICS OF AIRCRAFT TIRE
HYDROPLANING.0
68 01416 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
SUBJECTIVE RESPONSE TO SYNTHESIZED FLIGHT
NOISE SIGNATURES OF SEVERAL TYPES OF V/STOL
AIRCRAFT.0
68 01417 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
INVESTIGATION OF ELECTROCALORIC EFFECTS IN
FERROELECTRIC SUBSTANCES.0
68 01418 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
INVESTIGATION OF WARM FOG PROPERTIES AND
FOG MODIFICATION CONCEPTS.0
68 01420 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
INFRARED RADIOMETRIC STRESS INSTRUMENTATION
APPLICATION RANGE STUDY.0
68 01421 NAT U

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, I
WASHINGTON, D. C. I
THE SHOCK EXPANSION TUBE AND ITS
APPLICATION AS A SONIC BOOM SIMULATOR.0
68 01423 NAT U

NATIONAL AEROSPACE LAB., AMSTERDAM, I
TRANSONIC POTENTIAL FLOW AROUND A FAMILY
OF QUASI-ELLIPTICAL AEROFOIL SECTIONS.0
68 01388 NAT U

NATIONAL AIRLINES, INC. I
CHANGING MAINTENANCE CONCEPTS IN THE
JET AGE.0
68 00417 U

NATIONAL ASSN. OF STATE AVIATION OFFICIALS, I
WASHINGTON, D. C. I
NATIONAL CONFERENCE ON AIRCRAFT LOCATION
BEACON IMPLEMENTATION, WASHINGTON, D. C.,
APRIL 3-4, 1968.0
68 01385 NAT U

NATIONAL BUREAU OF STANDARDS, BOULDER, COLO. I
TECHNICAL CONSIDERATIONS IN THE
SELECTION OF FREQUENCIES FOR COMMUNICATION
WITH, VIA AND BETWEEN SPACE VEHICLES.0
68 00195 NAT U

NATIONAL BUREAU OF STANDARDS, BOULDER, COLO. I
CUMULATIVE DISTRIBUTIONS OF VHF FIELD
STRENGTH OVER IRREGULAR TERRAIN USING
LOW ANTENNA HEIGHTS.0
68 00196 NAT U

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C. I
SURVEY OF COMPUTER-PROGRAM DOCUMENTATION
PRACTICES AT SEVEN FEDERAL GOVERNMENT
AGENCIES.0
68 00190 NAT U

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C. I
PHOTOMETRIC EVALUATION OF A 500-WATT
NIGHT VISION FLOOD LIGHT.0
68 00180 NAT U

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

A SUB APPROACH BEACON.# NAT U
68 00197

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

PHOTOMETRIC CHARACTERISTICS OF U. S. AIRPORT LIGHTS.# NAT U
68 00198

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

TESTING OF CODED HELIPORT BEACONS.# NAT U
68 00199

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

DEVELOPMENT, TESTING, AND EVALUATION OF VISUAL LANDING AIDS CONSOLIDATED PROGRESS REPORT FOR THE PERIOD APRIL 1 TO JUNE 30, 1966.# NAT U
68 00200

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

DEVELOPMENT, TESTING, AND EVALUATION OF VISUAL LANDING AIDS CONSOLIDATED PROGRESS REPORT FOR THE PERIOD JULY 1 TO SEPTEMBER 30, 1966.# NAT U
68 00201

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

DEVELOPMENT, TESTING, AND EVALUATION OF VISUAL LANDING AIDS CONSOLIDATED PROGRESS REPORT FOR THE PERIOD OCTOBER 1 TO DECEMBER 31, 1966.# NAT U
68 00202

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

DEVELOPMENT, TESTING, AND EVALUATION OF VISUAL LANDING AIDS CONSOLIDATED PROGRESS REPORT FOR THE PERIOD JANUARY 1 TO MARCH 31, 1967.# NAT U
68 00203

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

DEVELOPMENT, TESTING, AND EVALUATION OF VISUAL LANDING AIDS CONSOLIDATED PROGRESS REPORT FOR THE PERIOD APRIL 1 TO JUNE 30, 1967.# NAT U
68 00204

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

LOADING FACTORS AND PUMP-PR SYSTEM PERFORMANCE CALCULATIONS.# NAT U
68 00231

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

VOLTAGE RATIO DETECTOR FOR MILLIVOLT SIGNALS.# NAT U
68 00232

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

A PEAK AC-DC VOLTAGE COMPARATOR FOR USE IN A STANDARDS LABORATORY.# NAT U
68 00233

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

DISCLOSURES ON MAGNETIC TAPE MANIPULATOR DETECTOR, MULTI-PEN RECORDER, SIGNAL AVERAGING FILTER, ELECTROSTATIC RMS VOLTMETER, BACK-UP RING FOR G-RINGS, AND LOW TEMPERATURE SOLID STATE THERMIST.# NAT U
68 00244

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

INFORMATION HANDLING IN THE NATIONAL STANDARD REFERENCE DATA SYSTEM.# NAT U
68 00245

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

EVALUATION OF INFORMATION SYSTEMS - A SELECTED BIBLIOGRAPHY WITH INFORMATIVE ABSTRACTS.# NAT U
68 00246

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

AN ALIAS OF SOLAR FLARE EFFECTS IN THE IONOSPHERE OBSERVED WITH A HIGH-FREQUENCY DOPPLER TECHNIQUE.# NAT U
68 00247

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

A 100 KW 2-25 MC/S DISTRIBUTED AMPLIFIER, DESIGNED FOR USE WITH 10 KW IONOSPHERIC SOUNDERS.# NAT U
68 00248

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

A NEW NEAR-ZONE ELECTRIC FIELD-STRENGTH METER.# NAT U
68 00249

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

SIGNAL DESIGN FOR TIME DISSEMINATION - SOME ASPECTS.# NAT U
68 00240

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

ORGANIC CHEMISTRY - AIR POLLUTION STUDIES - CHARACTERIZATION OF CHEMICAL STRUCTURES - SYNTHESIS OF RESEARCH MATERIALS - NOVEL RESEARCH MATERIALS - ISOTOPIC METHODS FOR ANALYSIS OF CARBOHYDRATES - OCCURRENCE, PREPARATION, AND PROPERTIES OF NATURALLY OCCURRING MONOSACCHARIDES (INCLUDING D-GLUCOSE) JOURNAL OF ORGANIC CHEMISTRY JULY 1966 THROUGH JUNE 1967.# NAT U
68 00241

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

LIFE CYCLING, TEST ON SEVERAL STRAIN GAGE PRESSURE TRANSDUCERS.# NAT U
68 00242

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D.C. |

DISCLOSURES ON - AUTOSORT-80 AUTOMATIC COLLATING AND SORTING MACHINE, OPTICAL INTERLUDE REFRACTOMETER, LIQUID METERING PUMP, STABLE WIDEBAND RELAXATION OSCILLATOR USING THREE INVERTING AMPLIFIERS, AND SEAT BELT WEARING ABRASION RESISTANCE TESTING MACHINE.# NAT U
68 00243

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C. 1
DEVELOPMENT, TESTING AND EVALUATION OF
VISUAL LANDING AIDS.0 CONSOLIDATED PROGRESS
REPORT FOR THE PERIOD 1 JULY TO 30 SEPTEMBER
1967.
68 01368 NAT U

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C. 1
QUANTITATIVE METHODS FOR MANAGEMENT.0
68 01382 NAT U

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH, 1
BOULDER, COLO. 1
AN AIRPLANE-MOUNTED SYSTEM FOR SENSING
AND RECORDING RADIO.0
68 00462 NAT U

NATIONAL SCIENCE FOUNDATION, WASHINGTON, D. C. 1
HUMILINEAR OSCILLATION OF A GYROSCOPE.0
68 00027 NAT U

NATIONAL SEVERE STORMS LAB. INST. FOR 1
ENVIRONMENTAL RESEARCH, NORMAN, OKLA. 1
A PRELIMINARY EVALUATION OF THE F-100 ROUGH
RIDER TURBULENCE MEASUREMENT SYSTEM.0
68 00527 NAT U

NATIONAL SEVERE STORMS LAB., NORMAN, OKLA. 1
ON THE SOURCE OF THUNDERSTORM ROTATION.0
68 01300 NAT U

NAUMANN, S. J. 1
RADAR RETURN FROM TARGETS HIDDEN BY
GROUND CLUTTER.0
68 00678 NAT U

NAUS, D. A., LCDR. 1
ESNA 250MM ROTATING BEACON.0
68 01115 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
THE RELATIONSHIP OF COLLEGE MAJOR TO
SUCCESS IN NAVAL AVIATION TRAINING.0
68 00927 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
MEASUREMENT OF LEFT CIRCUMFER CORONARY
FLOW, CARDIAC OUTPUT, AND CENTRAL AORTIC
PRESSURE IN THE UNMEDICATED GREYHOUND DOG.0
68 00920 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
THE RELATIONSHIP OF FIVE PERSONALITY
SCALES TO SUCCESS IN NAVAL AVIATION
TRAINING.0
68 00929 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
A TURNING MOTOR SERVO MOTOR FOR VISIONAL
APPLICATION.0
68 00930 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
THE CORNELL ACCELERATION PLATFORM - A
UNIQUE VESTIBULAR RESEARCH DEVICE.0
68 00931 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
A NOTE ON THE GALACTIC RADIATION
EXPOSURE IN GEOMAGNETICALLY UNPROTECTED
REGIONS OF SPACE.0
68 00932 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
AN ATAXIA TEST BATTERY NOT REQUIRING
THE USE OF RAILS.0
68 00933 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
RADIATION MONITORING WITH NUCLEAR
EMULSIONS ON PROJECT GEMINI. RESULTS
ON THE 14-DAY MISSION GEMINI VII.0 PART II.
68 00934 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
THE EGOCENTRIC LOCALIZATION OF THE VISUAL
HORIZONTAL IN NORMAL AND LABYRINTHINE-
DEFECTIVE OBSERVERS AS A FUNCTION OF HEAD
AND BODY TILT.0
68 00935 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
A HEAD RESTRAINT DEVICE FOR VESTIBULAR
STUDIES.0
68 00936 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
THE VALUE OF AN MROTC FLIGHT INDOCTRINATION
PROGRAM TO NAVAL AVIATION TRAINING.0
68 00937 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
VELTROCARDIOGRAPHIC CHANGES DURING
INTRACULURARY INJECTIONS.0
68 00938 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
CENTRIFUGATION OF THE WHITE-FRONTED
CAPUCHIN MONKEY, CEBUS ALBIFRONS /MUNRODT/.0
68 00939 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
CONSTITUTIONAL AND ENVIRONMENTAL FACTORS
RELATED TO SERUM LIPID AND LIPOPROTEIN
LEVELS.0
68 00940 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
FUNCTIONAL LOCALIZATION OF BRAIN STEM
RESPIRATORY COMPLEX IN THE CAT.0
68 00941 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
THE INFLUENCE OF ALCOHOL AND BRAMANTINE,
ALONE AND IN COMBINATION, ON PSYCHOMOTOR
PERFORMANCE.0
68 00942 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
TRENDS IN SYSTOLIC BLOOD PRESSURE IN THE
THOUSAND AVIATOR LONGEST OVER A TWENTY-FOUR-
YEAR PERIOD.0
68 00943 NAT U

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
CROSS-VALIDATION OF A BRIEF VESTIBULAR
DISCRIMINATION TEST ADMINISTERED BY A
VARIETY OF PERSONNEL.0
68 00944 NAT U

- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
EFFECTS OF PERCEIVED SCORING FORMULA ON
SOME ASPECTS OF TEST PERFORMANCE.0
68 00945 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
RESPONSES FROM THE LATERAL AND THE VERTICAL
CANALS TO TWO STIMULUS DIRECTION.0 VOLUME 7.
68 00946 R NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
RESPONSES TO LATERAL CANAL STIMULI OF
VARIOUS ACCELERATIONS.0 VOLUME 11.
68 00947 R NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
EXERTIONAL PHAGOCYTOLYSIS IN NAVAL AVIATION
OFFICER CANDIDATES.0
68 00948 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
RELATIONSHIPS AMONG INVENTORIED SELF-RATED
AND PEER-RATED INTERPERSONAL VALUES.0
68 00949 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
THE EFFECT OF WATER IMMERSION ON
PERCEPTION OF THE UCULOGRAVIC ILLUSION IN
NORMAL AND LABYRINTHINE-DEFECTIVE SUBJECTS.0
68 00950 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
RADIATION MONITORING WITH NUCLEAR EMULSIONS
ON PROJECT GEMINI. THE FLUX OF GALACTIC HEAVY
PRIMARYS ON GEMINI VII.0 PART III.
68 00951 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
EXPOSURE OF MAN TO LOW INTENSITY MAGNETIC
FIELDS IN A COIL SYSTEM.0
68 00952 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
AN ANALYSIS OF THE D.C. COMPONENT OF THE
LOCAL ELECTRORETINOGRAM IN THE INTACT EYE OF
THE CAT.0
68 00953 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
TWO DEVICES FOR ANALYSIS OF NYSTAGMUS.0
68 00954 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
EFFECT OF HYPOXIA ON MYOCARDIUM IN
HEART-LUNG PREPARATION.0
68 00955 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
EFFECT OF BLOOD PH AND CO₂ TENSION ON THE
PERFORMANCE OF THE HEART-LUNG PREPARATION.0
68 00956 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
CARDIAC OUTPUT AND REGIONAL BLOOD FLOW IN
CONSCIOUS RATS EXPOSED TO ACUTE HYPOXIA.0
68 00957 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
ELECTRONIC MEMORANDUM FOR PHYSIOLOGICAL
ACCELERATIONS.0 WITH SPECIAL REFERENCES TO
VESTIBULAR APPLICATIONS.
68 00958 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
GANGLION CELL RESPONSE CHARACTERISTICS
FROM THE AREA CENTRALIS IN THE INTACT EYE
OF THE CAT.0
68 01140 NAT
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
INSTRUMENTATION FOR MEASUREMENT OF
VESTIBULAR SIGNIFICANT FORCES IN HELICOPTERS.0
68 01145 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
ENVIRONMENTAL FACTORS AFFECTING THE
PERFORMANCE OF INFRARED CO₂ ANALYZER AND THE
ESTIMATION OF ALVEOLAR CO₂ TENSION.0
68 01206 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
A TRIAXIAL ACCELEROMETER MODEL FOR
VESTIBULAR APPLICATIONS.0
68 01207 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
TRANSFER OF HABITATION OF MOTION SICKNESS
ON CHANGE IN BODY POSITION BETWEEN VERTICAL
AND HORIZONTAL IN A ROTATING ENVIRONMENT.0
68 01208 NAT U
- NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA. 1
STABILITY OF EDWARDS PERSONAL PREHENSILE
SCHEDULE TWO SCALE SCORES AND PROFILES OVER
A SEVEN-WEEK INTERVAL.0
68 01209 NAT U
- NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. 1
CREW PLACEMENT WITHIN THE P3 SERIES AND
AIRCRAFT.0 PHASE REPORT.
68 00961 NAT U
- NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. 1
THE GAS EXCHANGE OF ANIMALS EXPOSED TO
100 PERCENT OXYGEN AT ATMOSPHERIC PRESSURE.0
PROGRESS REPORT.
68 00962 NAT U
- NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. 1
A TECHNIQUE FOR DETERMINING AN
INDEX OF VISUAL ALERTNESS FROM THE
ELECTRORETINOGRAM.0 PHASE REPORT.
68 00963 NAT U
- NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. 1
SILICON SUBMISSION - A FEASIBILITY
STUDY.0 PHASE REPORT.
68 00964 NAT U
- NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. 1
A QUANTITATIVE IMPROVED PHOTOMOGRAPH.0
PHASE REPORT.
68 00965 NAT U
- NAVAL AIR DEVELOPMENT CENTER, AEROSPACE
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. 1
CALCULATION OF TIME-TEMPERATURE HISTORIES
AND PREDICTION OF INJURY TO SKIN EXPOSED TO
THERMAL RADIATION.0 PHASE REPORT.
68 00966 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
A PERSONAL FM/FM BIOTELEMETRY SYSTEM.#
PHASE REPORT.
68 00967 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
FURTHER OBSERVATIONS ON CHRONIC DEFICITS
OF TEMPERATURE REGULATIONS PRODUCED IN CATS
BY PREUPTIC LESIONS.#
68 00968 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
A THEORY OF CELL HYDRATION PREDICATED ON
ABSORPTION OF WATER ON CELL PROTEINS.#
PHASE REPORT.
68 00969 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
EFFECTS OF BLUE CUTOFF FILTERS ON COLOR
DISCRIMINATION.# PHASE REPORT.
68 00971 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
EVALUATION OF THERMAL PROTECTION AFFORDED
BY A FREON FIRE SUPPRESSION SYSTEM IN MARINE
CORPS AMPHIBIOUS VEHICLES.# FINAL REPORT.
68 00971 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
TEMPORAL AND LUMINOUS CALIBRATION OF THE
NAVY FLASHBLINDNESS TRAINING DEVICE.#
PHASE REPORT.
68 00972 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
MATHEMATICAL MODEL OF SKIN EXPOSED TO
THERMAL RADIATION.# PHASE REPORT.
68 00973 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
THE EFFECT OF WATER IMMERSION AND BODY
POSITION UPON PERCEPTION OF THE GRAVITATIONAL
VERTICAL.# PHASE REPORT.
68 00974 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
LUNG CHANGES RESULTING FROM PROLONGED
EXPOSURE TO 100 PERCENT OXYGEN AT 550 MM HG.#
68 00975 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
HUMAN ACCELERATION EXPERIENCE AT THE
AEROSPACE MEDICAL RESEARCH DEPARTMENT,
U.S. NAVAL AIR DEVELOPMENT CENTER-JOHNSVILLE -
1 JANUARY 1961-30 DECEMBER 1965.#
68 00976 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
EFFECTS OF TRANSVERSE G-STRESS ON
RUNNING MEMORY.#
68 00977 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
EVALUATION OF A MET SUIT IN CONJUNCTION
WITH ANTI-BLACKOUT PROTECTION.# PHASE REPORT.
68 00978 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
DEVELOPMENT OF HIGH-INTENSITY THERMAL
PROTECTIVE FABRIC.# PHASE REPORT.
68 00979 NAT U

NAVAL AIR DEVELOPMENT CENTER, AEROSPACE |
MEDICAL RESEARCH DEPT., JOHNSVILLE, PENNA. |
PHOTOMETRIC AND PHOTOELECTRIC
INSTRUMENTATION.# VOLUME I, INTERIM REPORT.
68 00980 NAT U

NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, |
PENNA. |
SURVEY OF FREQUENCY DOMAIN
SYNTHESIS TECHNIQUES BASED ON THE ROOTS
OF THE CHARACTERISTIC EQUATION.# PHASE I.
68 00155 NAT U

NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, |
PENNA. |
OPERATIONAL STUDY OF PILOTS VISUAL
REQUIREMENTS.# FINAL REPORT.
68 00878 NAT U

NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, |
PENNA. |
PERFORMANCE EVALUATION OF COUNTER - DRUM
POINTER ALTIMETERS /MODIFIED COUNTER -
POINTER MC-2 AND MC-3 TYPES.# FINAL
REPORT.
68 01164 NAT U

NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, |
PENNA. |
THE STANDARD ASD PHOTOGRAPHIC METHOD FOR
DETERMINING AIRPLANE BEHAVIOR AND PILOTING
TECHNIQUE DURING FIELD OR CARRIER LANDINGS.#
FINAL REPORT.
68 01211 NAT U

NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, |
PENNA. |
ELECTROMAGNETIC INSTRUMENTATION.#
VOLUME II, INTERIM REPORT.
68 01278 NAT U

NAVAL AIR PROPULSION TEST CENTER, AERONAUTICAL |
ENGINE DEPT., PHILADELPHIA. |
INVESTIGATION OF TURBINE FUEL FLAMMABILITY
WITHIN AIRCRAFT FUEL TANKS.#
FINAL REPORT.
68 00825 NAT U

NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C. |
PHOTOMETRIC CHARACTERISTICS OF U. S.
AIRPORT LIGHTS.#
68 00198 NAT U

NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C. |
TESTING OF CODED HELIPORT BEACONS.#
68 00199 NAT U

NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C. |
LATERAL-DIRECTIONAL FLYING QUALITIES FOR
POWER APPROACH - INFLUENCE OF DUTCH ROL
FREQUENCY.#
68 00336 NAT U

NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C. |
THE AEROELASTIC BEHAVIOR OF ROTARY WINGS
IN FORWARD FLIGHT.# FINAL REPORT.
VOLUME I - ANALYSIS.
68 00014 NAT U

NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C. |
DEVELOPMENT AND EVALUATION OF CHECK OUT
CONCEPTS FOR A CONTACTLESS SWITCHING SYSTEM.#
VOLUME VII.
68 01012 NAT U

NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C. |
GOODYEAR 36X11 FORGED TITANIUM WHEEL
ASSEMBLY 9550162.# FINAL ENGINEERING REPORT.
68 01068 NAT U

NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C. |
1967 PROPELLER PRODUCT IMPROVEMENT PROGRAM
.# FINAL ENGINEERING REPORT /1 JANUARY 1967
TO 31 DECEMBER 1967/.
68 01222 NAT U

NAVAL AIR SYSTEMS COMMAND, WASHINGTON, D. C. |
ANALYTICAL REVIEW OF MILITARY HELICOPTER
FLYING QUALITIES.# FINAL REPORT.
68 01321 NAT U

NAVAL AIR TEST CENTER, PATUXENT RIVER, MD. |
A STUDY OF INTEGRATED ENGINE INSTRUMENT
REQUIREMENTS.# FINAL REPORT.
68 00367 NAT U

NAVAL AIR TEST CENTER, PATUXENT RIVER, MD. |
EVALUATION OF THE BELL MODEL 206A
/JETRANGER/ LIGHT TURBINE-POWERED HELICOPTER.#
68 00502 NAT U

NAVAL AIR TEST CENTER, PATUXENT RIVER, MD. |
EVALUATION OF THE SPIN CHARACTERISTICS
OF THE T-28 AIRPLANE.# FINAL REPORT.
68 00664 NAT U

NAVAL APPLIED SCIENCE LAB., BROOKLYN. |
RELIABILITY AND MAINTAINABILITY DATA-SOURCE
GUIDE.#
68 00291 NAT U

NAVAL CIVIL ENGINEERING LAB., PORT HUENEME, |
CALIF. |
COMPARATIVE PERFORMANCE OF AUTOMOBILE
REFINISHING PAINTS.#
68 00106 NAT U

NAVAL CIVIL ENGINEERING LAB., PORT HUENEME, |
CALIF. |
STATE OF THE ART UNINTERRUPTIBLE POWER
SYSTEMS.#
68 00365 NAT U

NAVAL CIVIL ENGINEERING LAB., PORT HUENEME, |
CALIF. |
AIRFIELD PAVEMENT EVALUATION, USNAS
LOS ALAMITOS, CALIFORNIA.#
68 00766 NAT U

NAVAL CIVIL ENGINEERING LAB., PORT HUENEME, |
CALIF. |
AIRFIELD PAVEMENT EVALUATION, USNAS SEATTLE
WASHINGTON.#
68 00556 NAT U

NAVAL CIVIL ENGINEERING LAB., PORT HUENEME, |
CALIF. |
MISCELLANEOUS FIELD EXPERIENCES WITH AIRFIELD
MARKING PAINTS.#
68 00559 NAT U

NAVAL CIVIL ENGINEERING LAB., PORT HUENEME, |
CALIF. |
AIRFIELD MARKING PAINTS-IV. EFFECT OF PAINT
FLEXIBILITY ON SLIP-SEALED ASPHALT.#
68 00647 NAT U

NAVAL CIVIL ENGINEERING LAB., PORT HUENEME, |
CALIF. |
MEASUREMENT OF AIRFIELD MARKING PAINT
FLEXIBILITY.#
68 01164 NAT U

NAVAL ELECTRONIC LAB. CENTER, SAN DIEGO, |
CALIF. |
OMEGA SYSTEM SYNCHRONIZATION.#
68 01317 NAT U

NAVAL ELECTRONIC SYSTEMS COMMAND, TEST AND
EVALUATION FACILITY, PATUXENT RIVER, MD. |
TECHNICAL EVALUATION OF DIRECTION FINDER
SET AM/GRU-11A.# FINAL REPORT.
68 00477 NAT U

NAVAL ELECTRONIC SYSTEMS COMMAND, TEST AND
EVALUATION FACILITY, PATUXENT RIVER, MD. |
TECHNICAL EVALUATION OF DIGITAL DEFMULTER
MX-7647 /XN-17/UPX.# FINAL REPORT.
68 00478 NAT U

NAVAL ELECTRONIC SYSTEMS COMMAND, TEST AND
EVALUATION FACILITY, PATUXENT RIVER, MD. |
INVESTIGATION OF TACAN/IFF COMPATIBILITY.#
FINAL REPORT.
68 00479 NAT U

NAVAL ELECTRONICS LAB. CENTER, COMMAND CONTROL
AND COMMUNICATIONS DIV., SAN DIEGO, CALIF. |
TEMPERATURE-STABILIZED MONOSTABLE
MULTIVIBRATOR.#
68 00318 NAT U

NAVAL ELECTRONICS LAB. CENTER, SAN DIEGO, |
CALIF. |
RELIABILITY SCREENING AND STEP-STRESS
TESTING OF DIGITAL-TYPE MICROCIRCUITS.#
68 00364 NAT U

NAVAL ELECTRONICS LAB. CENTER, SAN DIEGO, |
CALIF. |
CURRENT DISTRIBUTIONS AND RADIATION
PATTERNS FOR CIRCULAR-ARRAY RADAR ANTENNA -
THEORY.#
68 00580 NAT U

NAVAL ELECTRONICS LAB. CENTER, SAN DIEGO, |
CALIF. |
MICROELECTRONIC INTEGRATED-CIRCUIT BOARDS -
REPAIR.#
68 00585 NAT U

NAVAL ELECTRONICS LAB. CENTER, SAN DIEGO, |
CALIF. |
CIRCULAR-ARRAY RADAR ANTENNA - CARAMBA I
EXPERIMENTAL RESULTS.# RESEARCH AND
DEVELOPMENT REPORT.
68 01310 NAT U

NAVAL ELECTRONICS LAB. CENTER, SAN DIEGO, CALIF. |
COST-EFFECTIVENESS COMPARISON OF TWO
MULTICOUPLING APPROACHES TO HF TRANSMITTING
SYSTEM ENGINEERING.#
68 01319 NAT U

NAVAL ELECTRONICS LAB. CENTER, SAN DIEGO, CALIF. |
CIRCULAR-ARRAY RADAR ANTENNA - CARAMBA II
EXPERIMENTAL RESULTS.# RESEARCH AND
DEVELOPMENT REPORT /JULY 1966 TO JANUARY
1968/.
68 01320 NAT U

NAVAL MEDICAL SCHOOL, TRANSLATION SERVICE, BETHESDA, MD. |
EFFECT OF LIGHTNING ON MAN.#
68 00465 NAT U

NAVAL MISSILE AND ASTRONAUTICS CENTER, POINT MUGU, CALIF. |
THE MINI-RECORDER SYSTEM.# PRESENTED AT
THE NATIONAL ARS-IAS JOINT MEETING, LOS
ANGELES, CALIFORNIA, JUNE 13, 14, 15 AND 16,
1961.
68 01027 NAT U

NAVAL MISSILE CENTER, POINT MUGU, CALIF. |
AN OPERATIONAL METHOD FOR MEASURING
RADAR CROSS SECTION OF AN AIRBORNE TARGET.#
68 00249 NAT U

NAVAL OREANCE LAB., CORONA, CALIF. |
HORIZONTAL VLF TRANSMITTING ANTENNAS
NEAR THE EARTH.#
68 00174 NAT U

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. |
AN EXPERIMENTAL INVESTIGATION OF SOME
ASPECTS OF FREQUENCY STABILITY IN A
PROPOSED SHORT-RANGE, PRECISE NAVIGATION
SYSTEM.#
68 00219 NAT U

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. |
DERIVATION OF AN AUTOMATIC AIRCRAFT
ELEVATOR CONTROLLER.#
68 00220 NAT U

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. |
A USE OF COMPUTER FLIGHT PLANNING
TO DETERMINE OPTIMUM CRUISE ALTITUDES FOR
THE P-3 ORION UNDER VARIOUS WIND
CONDITIONS.#
68 00221 NAT U

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. |
NUMERICAL FORECASTING OF CLEAR AIR
TURBULENCE.#
68 00294 NAT U

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. |
A STUDY INTO THE ORIGINS AND NATURE OF
PERFORMANCE AND PROGRAM BUDGETING.#
68 00295 NAT U

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. |
TRANSONIC FAN FOR AIRCRAFT AIR-CONDITIONING
UNIT.# THESIS.
68 00441 NAT U

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. |
THE ANALYSIS OF A LOG-PERIODIC ZIG-ZAG
ANTENNA.# THESIS.
68 00922 NAT U

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF. |
RECEIVER DESIGN FOR A SHORT RANGE,
PRECISE, NAVIGATION SYSTEM.#
MASTERS THESIS.
68 01151 NAT U

NAVAL RESEARCH LAB., WASHINGTON, D. C. |
FULL-SCALE FIRE MODELLING TEST STUDIES
OF LIGHT WATER AND PROTEIN TYPE FOAMS.#
68 00162 NAT U

NAVAL RESEARCH LAB., WASHINGTON, D. C. |
OPTICAL GUIDANCE SYSTEMS - ANALYSIS,
DESIGN, AND DEVELOPMENT.#
68 00259 NAT U

NAVAL RESEARCH LAB., WASHINGTON, D. C. |
LANE IDENTIFICATION IN THE OMEGA
SYSTEM.#
68 00292 NAT U

NAVAL RESEARCH LAB., WASHINGTON, D. C. |
INTERIM REPORT OF PRECIPITATION
EFFECTS ON OMEGA AIRCRAFT RECEIVERS.#
68 00293 NAT U

NAVAL RESEARCH LAB., WASHINGTON, D. C. |
RADIO RAY (RADAR) RANGE-HEIGHT-ANGLE
CHARTS.#
68 00579 NAT U

NAVAL RESEARCH LAB., WASHINGTON, D. C. |
LARGE ANTENNA SYSTEMS.#
68 00722 NAT U

NAVAL RESEARCH LAB., WASHINGTON, D. C. |
ELIMINATING RADAR AMBIGUITIES BY PROCESSING
STAGGERED PULSE TRAINS OR SPECTRA.#
68 01109 NAT U

NAVAL SCHOOL OF AVIATION MEDICINE, PENSACOLA, FLA. |
THE K-COEFFICIENT, A PERSON-TYPE
SUBSTITUTE FOR THE CONTINGENCY COEFFICIENT.#
68 00926 NAT U

NAVAL SHIP ENGINEERING CENTER, PHILADELPHIA. |
A REVIEW OF THE STATE-OF-THE-ART OF
FLUIDIC CONTROL.# FINAL REPORT /15 MARCH
1968/.
68 01113 NAT U

NAVAL SHIP SYSTEMS COMMAND, WASHINGTON, D. C. |
STATISTICAL GAIN CHARACTERISTICS OF
RADAR ANTENNAS.# FINAL ENGINEERING REPORT
/JUNE 1966 TO JANUARY 1968/.
68 00900 NAT U

NAVAL TRAINING DEVICE CENTER, ORLANDO, FLA. |
SIMULATION OF HELICOPTER AND V/STOL
AIRCRAFT VOLUME VI, XC-142 ANALOG COMPUTER
PROGRAM STUDY - XC-142A SIMULATION EQUATIONS
MECHANIZATION.# FINAL REPORT.
68 01105 NAT U

- NAVAL TRAINING DEVICE CENTER, ORLANDO, FLA. |
SUGGESTED GUIDE FOR A FUNCTIONAL TEST
SPECIFICATION FOR HELICOPTER AND V/STOL
AIRCRAFT FLIGHT TRAINERS.# VOLUME III,
FINAL REPORT.
68 01129 NAT U
- NAVAL TRAINING DEVICE CENTER, ORLANDO, FLA. |
DYNAMIC RESPONSE CRITERIA FOR ROTARY WING
AIRCRAFT FLIGHT TRAINERS.# VOLUME I, FINAL
REPORT.
68 01130 NAT U
- NAVAL TRAINING DEVICE CENTER, ORLANDO, FLA. |
DYNAMIC RESPONSE CRITERIA FOR V/STOL
AIRCRAFT TRAINERS.# VOLUME II, FINAL
REPORT.
68 01131 NAT U
- NAVAL TRAINING DEVICE CENTER, PORT WASHINGTON, |
N. Y. |
EFFECTS OF SIGNAL PATTERNING UPON VIGILANCE
PERFORMANCE AND PHYSIOLOGICAL RESPONSES.#
TECHNICAL REPORT.
68 00958 NAT U
- NAVAL TRAINING DEVICE CENTER, PORT WASHINGTON, |
N. Y. |
THE FORGETTING OF INSTRUMENT FLYING SKILLS
AS A FUNCTION OF THE LEVELS OF INITIAL
PROFICIENCY.#
68 01229 NAT U
- NAVAL WAR COLLEGE, NEWPORT, R. I. |
BASIC LOGISTIC CONSIDERATIONS.#
68 01232 NAT U
- NAVY ELECTRONICS LAB., SAN DIEGO, CALIF. |
THE MULTITHROW MICROWAVE DIODE
SWITCH.# RESEARCH AND DEVELOPMENT
REPORT.
68 00156 NAT U
- NAVY ELECTRONICS LAB., SAN DIEGO, CALIF. |
THE OMEGA DIGITAL PHASE SHIFTER.#
68 00157 NAT U
- NAVY, BUREAU OF SHIPS, WASHINGTON, D. C. |
REVIEW OF MARINE NAVIGATION SYSTEMS
SYSTEMS AND TECHNIQUES.#
68 00439 U
- NAVY, ENVIRONMENTAL TECHNICAL APPLICATIONS |
CENTER, WASHINGTON, D. C. |
RADIOSONDE BOM-POINT ACCURACIES
40 DEGREE C TO -40 DEGREE C.#
68 00373 NAT U
- NAVY, WASHINGTON, D. C. |
REPORT ON TECHNOLOGICAL FORECASTING.#
68 00721 NAT U
- NAVY, WASHINGTON, D. C. |
MINUTES OF THE NINTH EXPLOSIVES SAFETY
SEMINAR.# HELD AT NAVAL TRAINING CENTER,
SAN DIEGO, CALIFORNIA, AUGUST 15, 16 AND 17,
1967.
68 01011 NAT U
- NAVY, WASHINGTON, D. C. |
HYDROFOILS AT THE CROSSROADS.# PRESENTED
AT THE IAS TWENTY-NINTH ANNUAL MEETING
NEW YORK, JANUARY 23, 24 AND 25, 1961.
68 01019 NAT U
- NEARMAN, G. M. |
DEVELOPMENT OF LOW COST INERTIAL
GYROS.#
68 00165 NAT U
- NEGUS, G. F. |
A QUEUING ANALYSIS OF THE TRAFFIC
HANDLING CAPABILITY OF A SATELLITE GROUND
TERMINAL.# FINAL REPORT.
68 00118 NAT U
- NEILL, K. R. |
FULL-SCALE FIRE MODELING TEST STUDIES
OF LIGHT WATER AND PROTEIN TYPE FOAMS.#
68 00162 NAT U
- NEJAD, N. S. |
EFFECT OF HYPOXIA ON MYOCARDIUM IN
HEART-LUNG PREPARATION.#
68 00955 NAT U
- NEJAD, N. S. |
EFFECT OF BLOOD PH AND CO₂ TENSION ON THE
PERFORMANCE OF THE HEART-LUNG PREPARATION.#
68 00956 NAT U
- NEJAD, N. S. |
CARDIAC OUTPUT AND REGIONAL BLOOD FLOW IN
CONSCIOUS RATS EXPOSED TO ACUTE HYPOXIA.#
68 00957 NAT U
- NELSON, E. A. |
COST REPORTING FOR DEVELOPMENT
OF INFORMATION PROCESSING SYSTEMS.#
68 00123 NAT U
- NELSON, H. D. |
MATHEMATICAL FORMULATION.# VOLUME I,
FINAL REPORT /JUNE 1966 TO OCTOBER 1967/.
68 01163 NAT U
- NELSON, H. M. |
THE MEASUREMENT OF THE EXHAUST COMPOSITION
OF SELECTED HELICOPTER ARMAMENT.#
68 00960 NAT U
- NELSON, J. G. |
THE EFFECT OF WATER IMMERSION AND BODY
POSITION UPON PERCEPTION OF THE GRAVITATIONAL
VERTICAL.# PHASE REPORT.
68 00974 NAT U
- NELSON, P. W. |
HYDROFOILS AT THE CROSSROADS.# PRESENTED
AT THE IAS TWENTY-NINTH ANNUAL MEETING
NEW YORK, JANUARY 23, 24 AND 25, 1961.
68 01019 NAT U
- NESTOR, L. J. |
INVESTIGATION OF TURBINE FUEL FLAMMABILITY
WITHIN AIRCRAFT FUEL TANKS.#
FINAL REPORT.
68 00823 NAT U
- NETHERLANDS, ARMED SERVICES SCIENTIFIC AND |
TECHNICAL DOCUMENTATION AND INFORMATION, THE |
HAGUE. |
BIBLIOGRAPHY ON AIRCRAFT NOISE.# SUPPLEMEN
68 00867 NAT U

- NEUGENT, J. I.
LOCATION OF ROUGH AREAS OF RUNWAYS FOR B-52
AIRCRAFT. # VOLUME III, DIGITAL COMPUTER
PROGRAM. FINAL REPORT / JUNE 1966 TO OCTOBER
1967. #
68 01267 NAT U
- NEW JERSEY, STATE HIGHWAY DEPT. I
1975 PROJECTIONS, FOREGROUND OF THE
FUTURE. # VOLUME II. #
68 00992 NAT U
- NEW JERSEY, STATE HIGHWAY DEPT. I
1975 TRANSPORTATION PLANS. # VOLUME III. #
68 00999 NAT U
- NEW JERSEY, STATE HIGHWAY DEPT. I
THE STATE OF THE REGION. # VOLUME I. #
68 01000 NAT U
- NEW JERSEY, STATE HIGHWAY DEPT. RESEARCH AND
EVALUATION DIV. I
RELATIONSHIP OF ACCIDENT RATES AND ACCIDENT
INVOLVEMENTS WITH HOURLY VOLUMES. #
68 01004 NAT U
- NEW YORK UNIV., NEW YORK. GEOPHYSICAL SCIENCES
LAB. I
A CLIMATOLOGICAL-WIND TURBULENCE MODEL FOR
ESTIMATING LOW ALTITUDE GUST LOADS. #
68 00771 NAT U
- NEW YORK UNIV., NEW YORK. SCHOOL OF
ENGINEERING AND SCIENCE. RESEARCH DIV. I
THE DEVELOPMENT OF A CONSTITUTIVE RELATION
FOR NEOPRENE BALLOON FILM. # SCIENTIFIC
INTERIM REPORT. #
68 01220 NAT U
- NEW YORK UNIV., NEW YORK. SCHOOL OF
ENGINEERING AND SCIENCE. RESEARCH DIV. I
ON A CAUSE OF FAILURE OF HIGH ALTITUDE
PLASTIC BALLOONS. # SCIENTIFIC INTERIM
REPORT. #
68 01221 NAT U
- NEW YORK UNIV., NEW YORK. SCHOOL OF
ENGINEERING SCIENCES. DEPT. OF ELECTRICAL
ENGINEERING. I
ACTIVE RC DELAY NETWORKS USING
OPERATIONAL AMPLIFIERS. #
68 00039 NAT U
- NEW YORK, TRI-STATE TRANSPORTATION COMMISSION. I
SUBURBAN SERVICE ADJUSTMENT EXPERIMENT. # A
SUMMARY. #
68 00630 NAT U
- NEWCOMB, R. W. I
A MINIMAL CAPACITOR CASCADE SYNTHESIS
FOR INTEGRATED CIRCUITS. #
68 00344 NAT U
- NEWELL, F. O. I
HUMAN TRANSFER CHARACTERISTICS IN FLIGHT
AND GROUND SIMULATION FOR THE ROLL TRACKING
TASK. #
68 01373 NAT U
- NEWELL, J. E. I
AN EVALUATION OF FORECASTS OF WIND,
TEMPERATURE AND TROPOPAUSE PRESSURE OBTAINED
BY NUMERICAL METHODS. # FINAL REPORT. #
68 01520 NAT U
- NEWELL, R. K. I
ADDITIONAL COMPONENTS. # VOLUME IV. #
68 00885 NAT U
- NEWSOM, B. D. I
THE EFFECT OF WATER IMMERSION ON
PERCEPTION OF THE OCULOGRAVIC ILLUSION IN
NORMAL AND LABYRINTHINE-DEFECTIVE SUBJECTS. #
68 00950 NAT U
- NEWSOM, W. A., JR. I
WIND-TUNNEL INVESTIGATION OF A
DEFLECTED-SLIPSTREAM CRUISE-FAN V-STOL
AIRCRAFT WING. #
68 00306 NAT U
- NEWTON, M. M. I
EXPERIMENTAL STUDY OF TRIGGERED
NATURAL LIGHTNING DISCHARGES. # FINAL
REPORT. #
68 00072 NAT U
- NICHOLAS, D. P. I
FLIGHT MEASUREMENTS OF WING-TIP VORTEX
MOTION NEAR THE GROUND. #
68 01308 NAT U
- NICHOLS, D. E. I
EFFECTS OF FAILURE TYPE, FAILURE ALTITUDE
AND AN EXPERIMENTAL PITCH TRIM AUGMENTATION
UPON MANDATORY GO-AROUND PERFORMANCE. #
PHASE IV, FINAL REPORT. #
68 01180 R NAT U
- NICHOLS, D. E. I
EVALUATION OF FLIGHT DIRECTOR ELEMENTS-
RISING RUNWAY, EXPANDED LOCALIZER, AND ROLLOUT
STEERING-DURING SIMULATED CATEGORY III-C
MANUAL AND SPLIT-AXIS LANDINGS. # PHASE II,
FINAL REPORT. #
68 01182 R NAT U
- NICHOLS, D. E. I
PILOT FAILURE DETECTION PERFORMANCE WITH
THREE LEVELS OF FAULT WARNING INFORMATION. #
PHASE I, FINAL REPORT. #
68 01184 R NAT U
- NICHOLS, D. E. I
EFFECTS OF A 100-FOOT OPTION ALTITUDE
RULE AND AN ANNUNCIATOR PANEL ON FAILURE
DETECTION, GO-AROUND DECISIONS AND LANDING
PERFORMANCE. # PHASE III, FINAL REPORT. #
68 01361 R NAT U
- NICHOLSON, R. M. I
DISPLAY REQUIREMENTS STUDY FOR HELICOPTER
IFR FORMATION FLIGHT. #
68 00573 NAT U
- NICHOLSON, R. M. I
EXPERIMENTAL EVALUATION OF A FORMATION
FLIGHT SYSTEM. #
68 01440 NAT U
- NIELSEN, D. R. I
DERIVATION OF AN AUTOMATIC AIRCRAFT
ELEVATION CONTROLLER. #
68 00220 NAT U
- NIEVLANO, G. Y. I
TRANSONIC POTENTIAL FLOW AROUND A FAMILY
OF QUASI-ELLIPTICAL AEROFOIL SECTIONS. #
68 01388 NAT U

AUTHOR INDEX

04/01* 1

NIVEN, J. I. |
A TORQUE MOTOR SERVOMOTOR FOR VESTIBULAR
APPLICATION.#
68 00930 NAT U

NIVEN, J. I. |
A HEAD RESTRAINT DEVICE FOR VESTIBULAR
STUDIES.#
68 00936 NAT U

NIVEN, J. I. |
INSTRUMENTATION FOR MEASUREMENT OF
VESTIBULAR-SIGNIFICANT FORCES IN HELICOPTERS.#
68 01205 NAT U

NIVENS, J. I. |
KINEMATICS NOMENCLATURE FOR PHYSIOLOGICAL
ACCELERATIONS.# WITH SPECIAL REFERENCE TO
VESTIBULAR APPLICATIONS.
68 00959 NAT U

NIX, M. S., JR. |
IMPROVING HELICOPTER CONSPICUITY THROUGH
THE USE OF PAINTED MAIN ROTOR BLADES.#
68 01160 NAT U

NIX, M. S., JR., MAJ. VC. |
IMPROVING HELICOPTER CONSPICUITY
THROUGH THE USE OF PAINTED MAIN
ROTOR BLADES.#
68 00363 NAT U

NIX, M. S., JR., MAJ. |
DEVELOPMENT OF A PAINT SCHEME FOR
INCREASING HELICOPTER CONSPICUITY.#
68 01369 NAT U

NIXON, J. |
INVESTIGATION AND ANALYSIS OF AIRCRAFT
FUEL EMULSION.#
68 00781 NAT U

NORDBY, G. M. |
FABRICATION AND FULL-SCALE STRUCTURAL
EVALUATION OF SANDWICH SHELLS OF REVOLUTION
FACINGS AND HONEYCOMB REINFORCED PLASTIC
CORES.#
68 00807 NAT U

NORTH AMERICAN AVIATION, INC. ROCKETDYNE DIV., |
CANOGA PARK, CALIF. |
EVALUATION OF SAFETY CLOTHING MATERIAL.#
68 00920 NAT U

NORTH AMERICAN AVIATION, INC. SPACE AND |
INFORMATION SYSTEMS DIV., DONNEY, CALIF. |
THE IMPLEMENTATION OF RELIABILITY
CONCEPTS IN STRUCTURAL DESIGN CRITERIA.#
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01047 NAT U

NORTH AMERICAN AVIATION, INC., ANAHEIM, CALIF. |
OGC USER-NEEDS STUDY. PHASE II.#
VOLUME III.
68 00453 NAT U

NORTH AMERICAN AVIATION, INC., COLUMBUS, OHIO. |
AIRCRAFT COATING, TESTING AND
EVALUATION.# FOURTH INTERIM ENGINEERING
REPORT.
68 00104 NAT U

NORTH AMERICAN AVIATION, INC., COLUMBUS, OHIO. |
RESEARCH AND DEVELOPMENT OF NON-DESTRUCTIVE
TESTING TECHNIQUES FOR COMPOSITES.#
68 00769 NAT U

NORTH AMERICAN AVIATION, INC., COLUMBUS, OHIO. |
INFRARED RADIOMETRIC STRESS INSTRUMENTATION
APPLICATION RANGE STUDY.#
68 01421 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
GROUND-BASED SIMULATION TECHNIQUES.#
68 00777 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
DEVELOPMENT PROGRAM MANUAL
/COMMUNICATION AND NAVIGATION SYSTEMS/.#
68 00272 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
LANDING GLAR AND DRAG CHUTE SYSTEMS
XB-70A.# SUMMARY TEST REPORT.
68 00444 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
APPLICATION OF LINEAR OPTIMAL THEORY TO
CONTROL OF FLEXIBLE AIRCRAFT RIDE QUALITIES.#
68 00673 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
ELIMINATION AND GENERATION OF AIR VEHICLE
PRECIPITATION STATIC NOISE FOR THE XB-70.#
68 01070 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
THE EFFECTS OF COCKPIT VERTICAL
ACCELERATIONS ON A SIMPLE PILOTED TRACKING
TASK.#
68 01071 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
BASIC STRUCTURAL LOADS DATA FOR THE B-70
PROTOTYPE AIR VEHICLE SIX ENGINE TURBOJET
BOMBER.#
68 01168 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
THERMODYNAMICS FLIGHT TEST INSTRUMENTATION
FOR THE MODEL XB-70 AIR VEHICLE.# NUMBER II.
68 01169 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
THERMODYNAMICS FLIGHT TEST INSTRUMENTATION
FOR THE MODEL XB-70A AIR VEHICLE.# NUMBER I.
68 01170 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
ANALYSIS OF EXTERNAL AERODYNAMIC EFFECT
OF INLET OPERATION ON THE XB-70 AT MACH
NUMBERS OF 1.2 TO 3.5 IN THE NORTH AMERICAN
AVIATION TRISONIC WIND TUNNEL AND THE AMES
8 X 7 SUPERSONIC WIND TUNNEL.#
68 01171 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
SANDWICH STRUCTURAL REPAIR
MANUAL.#
68 00271 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
AERODYNAMIC EVALUATION OF THE XB-70 AIR
INDUCTION SYSTEM.#
68 01172 NAT U

NORTH AMERICAN AVIATION, INC., LOS ANGELES. |
SIMULATOR INVESTIGATIONS OF SUPERSONIC
TRANSPORT OPERATING MARGINS, INSTRUMENT
PROCEDURES, HANDLING QUALITIES, AND
LONGITUDINAL STABILITY REQUIREMENTS.#
68 01326 R NAT U

NORTH AMERICAN ROCKWELL CORP. AEROSPACE AND
SYSTEMS GROUP, LOS ANGELES. |
NEW CONCEPTS FOR EMERGENCY EVACUATION OF
TRANSPORT AIRCRAFT FOLLOWING SURVIVABLE
ACCIDENTS.#
68 00481 NAT U

NORTH AMERICAN ROCKWELL CORP., LOS ANGELES. |
TRANSONIC UNSTEADY AERODYNAMICS
FOR PLANAR WINGS WITH TRAILING EDGE CONTROL
SURFACES.# FINAL REPORT /1 AUGUST 1966 TO
31 NOVEMBER 1967.#
68 01485 NAT U

NORTH AMERICAN ROCKWELL CORP., LOS ANGELES. |
SUPERSONIC UNSTEADY AERODYNAMICS FOR
WINGS WITH TRAILING EDGE CONTROL SURFACES
AND FOLDED TIPS.# FINAL REPORT.
68 01486 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
STORAGE AND RETRIEVAL OF INFORMATION.#
A USER-SUPPLIER DIALOGUE.
68 01411 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT. |
ASSESSMENT OF SKILL AND PERFORMANCE IN
FLYING.#
68 00400 U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT. |
GROUND DECELERATION AND STOPPING OF
LARGE AIRCRAFT.#
68 00474 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT. |
PROBLEMS OF VISION IN LOW LEVEL FLIGHT.#
68 00493 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT. |
SOME FACTORS CONTRIBUTING TO SCALE EFFECT
AT SUPERSONIC SPEEDS.#
68 00588 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT. |
STABILITY AND CONTROL.# PART I.
68 00738 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT. |
STABILITY AND CONTROL.# PART II.
68 00739 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT. |
PRINCIPLES OF BIODYNAMICS.#
PROLONGED ACCELERATION - LINEAR AND RADIAL.

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT. |
THE POTENTIAL USE OF MATHEMATICAL MODELS
IN MATERIALS DATA PRESENTATION WITH PARTICULAR
REFERENCE TO THE AGARD MATERIAL PROPERTIES
HANDBOOKS.#
68 00849 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT. |
MANEUVERABILITY AND GUST RESPONSE PROBLEMS
ASSOCIATED WITH LOW-ALTITUDE, HIGH-SPEED
FLIGHT.#
68 00850 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT. |
RESIDUAL STRENGTH IN THE PRESENCE OF
FATIGUE CRACKS.# ADVISORY REPORT 11.
68 00993 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT. |
ASPECTS OF V/STOL AIRCRAFT DEVELOPMENT.#
ADVISORY REPORT 13.
68 00994 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT. |
THERMO-MOLECULAR PRESSURE EFFECTS IN TUBES
AND AT ORIFICES.#
68 01081 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT. |
THE POTENTIALS OF COMPOSITE STRUCTURES IN
THE DESIGN OF AIRCRAFT.#
68 01084 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT. |
INTEGRATION OF PROPULSION SYSTEMS IN
AIRFRAMES.# PAPERS PRESENTED AT THE
THIRTY-FIRST MEETING OF THE AGARD FLIGHT
MECHANICS PANEL, GOTTINGEN, GERMANY,
SEPTEMBER, 13, 14, AND 15, 1967.
68 01253 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT. |
A SYMPOSIUM ON AIRCRAFT INSTRUMENT AND
COCKPIT LIGHTING BY RED OR WHITE LIGHT,
RHODE-SAINTE-GENEVE, BELGIUM, OCTOBER 30,
31, 1967.#
68 01254 NAT U

NORTH ATLANTIC TREATY ORGANIZATION, PARIS. |
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT. |
V/STOL APPROACH AND LANDING SYSTEMS.#
68 01293 NAT U

AUTHOR INDEX

04/01* 1

- NORTHROP CORP. |
DEVELOPMENT OF RESPIRATION-RATE
TRANSDUCERS FOR AIRCRAFT ENVIRONMENTS.#
68 00054 NAT U
- NORTHROP CORP. NORTHROP NORAIR DIV., |
HAWTHORNE, CALIF. |
SUBSTANTIATING TECHNICAL DATA.#
VOLUME III.
68 00179 NAT U
- NORTHROP CORP. NORTHROP NORAIR DIV., |
HAWTHORNE, CALIF. |
A STUDY OF THE INFLUENCE OF GEOMETRY ON THE
STRENGTH OF FATIGUE CRACKED PANELS.#
68 00599 NAT U
- NORTHROP CORP. NORTHROP NORAIR DIV., |
HAWTHORNE, CALIF. |
VTOL GROUND-BASED SIMULATION TECHNIQUES.#
68 00690 NAT U
- NORTHROP CORP. NORTHROP NORAIR DIV., |
HAWTHORNE, CALIF. |
EXPERIMENTAL INVESTIGATIONS OF
GROUND-JET SUPPRESSION FENCES FOR VTOL
AIRCRAFT PREPARED SITES.# FINAL TECHNICAL
REPORT 10 DECEMBER 1966 TO DECEMBER 1967.#
68 01166 NAT U
- NORTHROP CORP., HAWTHORNE, CALIF. |
INSTRUMENT FLIGHT SIMULATOR STUDY OF THE
VTOL CONTROLLABILITY - CONTROL POWER
RELATIONSHIP.# PRESENTED AT THE NATIONAL
ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15, AND 16, 1961.
68 01024 NAT U
- NORTHROP CORP., HAWTHORNE, CALIF. |
FULL-SCALE GROUND PROXIMITY INVESTIGATION
OF A VTOL FIGHTER MODEL AIRCRAFT.#
68 01262 NAT U
- NORTHWEST AIRLINES, INC., CHICAGO. |
MOUNTAIN WAVE EXPOSURE ON JET ROUTES
OF NORTHWEST AIRLINES AND UNITED AIR
LINES.#
68 00392 NAT U
- NORTHWESTERN UNIV., EVANSTON, ILL. |
PROGRAM OF RESEARCH ON THE MANAGEMENT
OF RESEARCH AND DEVELOPMENT.#
68 00141 NAT U
- NORTHWESTERN UNIV., EVANSTON, ILL. |
CHANGE CONSTRAINED MODELS FOR TRANSPORT
PRICING AND SCHEDULING UNDER COMPETITION.#
68 00650 NAT U
- NORTHWESTERN UNIV., EVANSTON, ILL. SYSTEMS
RESEARCH GROUP. OFFICE OF NAVAL RESEARCH, |
WASHINGTON, D. C. |
SIMULATION, OPTIMIZATION AND EVALUATION
OF SYSTEMS OF TRAFFIC NETWORKS.#
68 00872 NAT U
- NOTTERMAN, J. M. |
AUDIO AIDS TO BLIND FLYING AND A
SCORING DEVICE FOR THE LINK TRAINER.#
68 00244 NAT U
- NUSBAUM, W. J. |
PERFORMANCE EVALUATION OF A TWO-STAGE
AXIAL-FLOW TURBINE FOR TWO VALUES OF TIP
CLEARANCE.#
68 00489 NAT U
- U DAY, J. |
AN EXPERIMENTAL INVESTIGATION OF THE
CALIBRATION OF ERRORS IN PREDICTED LINES
OF NAVIGATION SYSTEMS.#
68 00441 NAT U
- OTHARA, F. |
PREDICTION OF AIRCRAFT FLYING QUALITIES BY
FLIGHT SIMULATORS AND OTHER METHODS, WITH
FLIGHT COMPARISONS.# PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, AUGUST 24-28,
1964.
68 01040 NAT U
- DAKES, J. B. |
NEGATIVE FEEDBACK IN SINGLE STAGE
JUNCTION TRANSISTOR AMPLIFIERS.#
68 00026 NAT U
- OBERMAN, A. |
CONSTITUTIONAL AND ENVIRONMENTAL FACTORS
RELATED TO SERUM LIPID AND LIPOPROTEIN
LEVELS.#
68 00940 NAT U
- OBERMAN, A. |
TRENDS IN SYSTOLIC BLOOD PRESSURE IN THE
THOUSAND AVIATOR COHORT OVER A TWENTY-FOUR-
YEAR PERIOD.#
68 00943 NAT U
- OFFICE OF AEROSPACE RESEARCH, ARLINGTON, VA. |
SELECTIVE DISSEMINATION OF INFORMATION IN
PRACTICE - SURVEY OF OPERATIONAL AND
EXPERIMENTAL SDI SYSTEMS.#
68 01236 NAT U
- OFFICE OF NAVAL RESEARCH, INFORMATION SYSTEMS
BRANCH, WASHINGTON, D. C. |
AGING, NOISE AND CHOICE.#
68 00278 NAT U
- OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C. |
HUMAN ENGINEERING - CURRENT STATUS
AND FUTURE TRENDS.#
68 00290 NAT U
- OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C. |
IMPLICATIONS OF THE GELLED STATE OF
MATTER FOR NAVAL APPLICATIONS.#
FINAL REPORT, FEBRUARY 1968.
68 00916 NAT U
- OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C. |
SYNCHROSTIC NAVIGATION SYSTEM STUDY.#
PHASE II, FINAL REPORT
68 01064 NAT U
- OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C. |
A METHOD OF OBJECTIVE CONTOUR
CONSTRUCTION.#
68 01094 NAT U
- OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C. |
ON THE OPTIMIZATION OF TRANS-ORDER SPACING
FOR RANGE-RANGE NAVIGATION.#
68 01114 NAT U

AUTHOR INDEX

04/010 1

OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C. |
ULTRASONICS AND HYPERSONICS.0 A REVIEW,
TECHNICAL REPORT.
66 01116 NAT U

OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C. |
AN INVESTIGATION OF THE STRUCTURE OF
TURBULENCE OVER WATER SURFACE WAVES.0
68 01117 NAT U

OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C. |
A REEXAMINATION OF EYE MOVEMENT DATA.0
TECHNICAL MEMORANDUM.
68 01118 NAT U

OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C. |
RESEARCH ON VTOL WATER HYPER EFFECTS,
INCLUDING THE EFFECTS OF WIND AND WAVES.0
FINAL REPORT.
68 01292 NAT U

OGDEN AIR MATERIAL AREA, HILL AFB, UTAH. |
REPORT OF TEST ON EVALUATION OF IMPROVED
B-58 BRAKES GOODYEAR P/N 950752.0
68 00372 NAT U

OGDEN AIR MATERIAL AREA, HILL AFB, UTAH. |
TEST OF O1 AIRCRAFT BRAKE ASSEMBLY, P/N
9530839 UNDER WET AND DRY LANDING CONDITIONS.0
68 00609 NAT U

OGDEN, E. |
EFFECT OF HYPOXIA ON MYOCARDIUM IN
HEART-LUNG PREPARATION.0
68 00955 NAT U

OGDEN, E. |
EFFECT OF BLOOD PH AND CO2 TENSION ON THE
PERFORMANCE OF THE HEART-LUNG PREPARATION.0
68 00956 NAT U

OGDEN, E. |
CARDIAC OUTPUT AND REGIONAL BLOOD FLOW IN
CONSCIOUS RATS EXPOSED TO ACUTE HYPOXIA.0
68 00957 NAT U

OHIO STATE UNIV., COLUMBUS. |
STUDY TO DETERMINE THE FLIGHT PROFILE AND
MISSION OF THE CERTIFICATED PRIVATE PILOT.0
68 01354 NAT U

OHIO STATE UNIV., COLUMBUS, DEPT. OF
ELECTRICAL ENGINEERING. |
A DESCRIPTION OF THE USU R-BAND SATELLITE
COMMUNICATIONS ARRAY FACILITY.0
68 00049 NAT U

OHIO STATE UNIV., COLUMBUS, ELECTRO SCIENCE |
LAB. |
DIGITAL CONTROL CIRCUITRY FOR ELECTRONIC
BEAM STEERING AND SCANNING OF SLOT ANTENNA
ARRAYS.0
68 00880 NAT U

OHIO STATE UNIV., COLUMBUS, ELECTRO SCIENCE |
LAB. |
DESCRIPTION OF ENERGY TRANSFER IN
TURBULENT AIR.0 TECHNICAL REPORT.
68 01141 NAT U

OHIO STATE UNIV., COLUMBUS, ELECTRO SCIENCE |
LAB. |
TECHNIQUES FOR INTERGRATING SOLID-STATE
CIRCUITRY INTO ANTENNAS.0
INTERIM TECHNICAL REPORT /1 DECEMBER 1967
TO 29 FEBRUARY 1968.0
68 01150 NAT U

OHIO STATE UNIV., COLUMBUS, RESEARCH |
FOUNDATION. |
STUDIES OF PILOT PERFORMANCE IN
HELICOPTERS.0
68 00338 NAT U

OHNSBY, B. |
EVALUATION OF COMPOSITE MATERIALS FOR GAS
TURBINE ENGINES.0
68 00770 NAT U

OREAN, H. C. |
PARAMETRIC AMPLIFIERS FOR ELECTRONICALLY
STEERABLE RADAR SYSTEMS.0 FINAL REPORT.
68 01400 NAT U

OREGON STATE UNIV., TILLAMOOK. |
INVESTIGATION OF USE OF BALLONS FOR
ATMOSPHERIC TEMPERATURE MEASUREMENT.0
68 00000 NAT U

OLEYNIK, M. J. |
HUMAN ACCELERATION EXPERIENCE AT THE
AEROSPACE MEDICAL RESEARCH DEPARTMENT,
U.S. NAVAL AIR DEVELOPMENT CENTER-JOHNSTOWN -
1 JANUARY 1961-10 DECEMBER 1965.0
68 00476 NAT U

OLLEHEAU, J. B. |
ON THE PREDICTION OF THE NEAR FIELD NOISE
OF SUPERSONIC JETS.0
68 01492 NAT U

OLLEHEAU, J. B. |
SUBJECTIVE EVALUATION OF GENERAL AVIATION
AIRCRAFT NOISE.0 TECHNICAL REPORT.
68 01356 NAT U

OLSON, C. T. |
AIRCRAFT DESIGNERS HANDBOOK FOR TITANIUM
AND TITANIUM ALLOYS.0
68 00733 NAT U

OLSEN, C. M. |
FEASIBILITY OF BURNING EMULSIFIED FUEL
IN A TURBO ENGINE.0
68 01121 NAT U

OLSON, B. M. |
REPORT OF TEST ON EVALUATION OF IMPROVED
B-58 BRAKES GOODYEAR P/N 950752.0
68 00472 NAT U

OLSON, B. A. |
DISPLAY AND CONTROL REQUIREMENTS STUDY FOR
VIRTUAL TACTICAL AIRCRAFT.0 VOLUME I. ANALYSIS
68 00601 NAT U

OLSON, B. M. |
THE VALUE OF MAINTENANCE.0
68 00474 NAT U

AUTHOR INDEX

04/010 1

- ULSON, M. D. I
VIBRATION MODES AND RANDOM RESPONSE OF A
MULTI-BAY PANEL SYSTEM USING FINITE
ELEMENTS. U
68 01159 NAT U
- UMEGA, G. T. I
APPLICATION OF OPTIMAL CONTROL THEORY
TO VIOL FLIGHT CONTROL SYSTEM DESIGN. U
68 00173 NAT U
- OPERATIONS RESEARCH, INC., SILVER SPRING, MD. I
FEASIBILITY ANALYSIS OF RAPID TRANSIT
VEHICLE SYSTEMS. U
68 01230 NAT U
- ORDWAY, G. F. I
EXPERIMENTAL STUDY OF PILOT VISIBILITY
FROM A VTOL AIR/SEA CRAFT NEAR THE OCEAN
SURFACE. U
68 00393 NAT U
- URE, P. M. I
A TECHNICAL REPORT ON THE INVESTIGATION OF
SELECTED FREQUENCY INDEPENDENT ARRAYS. U
68 01002 NAT U
- UNION PRODUCTS INC., SUNNYVALE, CALIF. I
STUDY OF HIGH PACKING DENSITY AND
HIGH TRANSFER RATE ENCODER/DECODER. U
68 00142 NAT U
- URNEY, G. I
PULL-AND-AFT STIFFNESS CHARACTERISTICS
OF PNEUMATIC TIRES. U
68 00021 NAT U
- JARICK, W. P. D. J. I
CIRCUIT PLACEMENT WITHIN THE P3 SERIES ASW
AIRCRAFT. U PHASE REPORT. U
68 00061 NAT U
- URKAS, M. I
THE DEVELOPMENT OF DYNAMIC TACTIC DESIGN
PROCEDURES. U FINAL REPORT. U
68 01245 NAT U
- USTENHED, G. G. I
TALAN ANTENNA TECHNIQUES. U FINAL
REPORT 77 DECEMBER 1965 TO DECEMBER 1966. U
68 00001 NAT U
- USHER, A. J. I
FLIGHT PATH CONTROL SYSTEM FLIGHT
TEST RESULTS AND DESCRIPTION. U FINAL
REPORT, VOLUME I. U
68 00145 NAT U
- UTTO, G. A. I
RADIATION OF COMPRESSION WAVES FROM AN SST
SCALE MODEL INLET. U
68 00031 NAT U
- VERIFIED, J. L. I
INVESTIGATION OF HYDRAULIC PUMP
TRANSMISSION SYSTEMS FOR V/STOL
AIRCRAFT. U
68 00334 NAT U
- PAGE, G. M. I
EVALUATION OF THE DYNAFLECT FOR THE
NON-DESTRUCTIVE TESTING OF PORTLAND
CEMENT CONCRETE PAVEMENTS. U
68 00089 NAT U
- PALKAND, R. F. I
TECHNIQUE FOR MEASURING RADIATION
PATTERNS OF ARRAY ANTENNAS. U
68 00593 NAT U
- PAGE, G. I
AUDIO AIDS TO BLIND FLYING AND A
SCULPING DEVICE FOR THE LINK TRAINER. U
68 00244 NAT U
- PAGE, G. E. I
EXPERIMENTAL STUDY OF THE EFFECTS ON
SUNSHINE BRIGHTNESS AND SIZE ON VISUAL
PERFORMANCE. U FINAL REPORT 71 MARCH 1966 TO
1 MARCH 1967. U
68 01070 NAT U
- PAGE, V. M. I
LARGE-SCALE WIND-TUNNEL INVESTIGATION OF AN
AIRPLANE MODEL WITH A TILT WING OF ASPECT
RATIO 5.0, AND FOUR PROPELLERS, IN THE
PRESENCE OF A GROUND PLANE. U
68 01085 NAT U
- PAGE, P. M. I
ELECTROLUMINESCENT AIRFIELD LIGHTING
SYSTEM. U FINAL REPORT. U
68 00440 NAT U
- PARTICHOV, L. A. I
A METHOD FOR MEASURING THE VERTICAL
VELOCITY OF AN AIRCRAFT IN THE ENTIRE
FREQUENCY SPECTRUM OF ITS VARIATION. U
TRANSLATION FROM RUSSIAN. U
68 00330 NAT U
- PALINRAS, G. E. I
A METHODOLOGY FOR DETERMINING THE
OPTIMUM UNIT OF ISSUE FOR LOW COST
ELECTRIC ITEMS. U THESIS. U
68 01000 NAT U
- PALITZ, M. I
FLOW-FIELD INVESTIGATIONS ON THE
A-1A AIRPLANE AND MODEL UP TO HYPERSONIC
SPEEDS. U
68 01004 NAT U
- PALMER, M. I
DEVELOPMENT OF CONFIGURATIONS AND
COMBINATIONS OF POLYURETHANE FOAM TO PROVIDE
MAXIMUM EFFICIENCY IN PARACHUTE CUSHIONING
MATERIALS. U
68 00765 NAT U
- PALMER, G. J. I
TACTICAL INSTRUMENTS LANDING SYSTEM STUDY. U
68 00211 NAT U
- PANATHIC, INC., WALTHAM, MASS. I
DEVELOPMENT OF A HAZARDOUS VAPOR
DETECTION SYSTEM FOR ADVANCED AIRCRAFT. U
68 00007 NAT U
- PANAPPELL, P. F. I
AERODYNAMIC EVALUATION OF THE AC-119A
AIRCRAFT. U
68 00247 NAT U

AUTHOR INDEX

04/019 1

PAPE, B. J. I
TECHNOLOGY APPRAISAL-EXPERIMENTAL DATA AND
METHODOLOGY.0 VOLUME III.
68 01059 NAT U

PARLHER, G. R. I
EC-47N/P LIMITED PERFORMANCE
TESTS.0
68 00328 NAT U

PARISIAN, R. M. I
DESIGN MODERNIZATION OF ARTCC POWER
DISTRIBUTION SYSTEM.0 FINAL REPORT.
68 01516 NAT U

PARREN, J. F., JR. I
A STUDY OF AIR FORCE FLIGHT SIMULATOR
PROGRAMS.0
68 00188 NAT U

PARKER, S. E. I
COST-EFFECTIVENESS COMPARISON OF TWO
MULTICOUPLING APPROACHES TO HF TRANSMITTING
SYSTEM ENGINEERING.0
68 01319 NAT U

PARKS, D. L. I
HUMAN ENGINEERING PROGRAM.0
68 00552 NAT U

PARNELL, J. E. I
GROWTH OF NOISE FOR TONES AND
BANDS OF NOISE AT DIFFERENT FREQUENCIES.0
TECHNICAL REPORT.
68 00315 NAT U

PARNELL, J. E. I
THE EFFECTS OF BACKGROUND NOISE UPON
PERCEIVED NOISE.0 TECHNICAL REPORT.
68 00316 NAT U

PARR, F. I
PROCEDURE TURN COMPLETION DISTANCE.0
PROJECT REPORT.
68 01244 NAT U

PARRAG, R. L. I
PILOT EVALUATIONS IN A GROUND
SIMULATOR OF THE EFFECTS OF ELEVATOR
CONTROL SYSTEM DYNAMICS IN FIGHTER
AIRCRAFT.0
68 00129 NAT U

PARRY, M. J. I
GROWTH OF NOISE FOR TONES AND
BANDS OF NOISE AT DIFFERENT FREQUENCIES.0
TECHNICAL REPORT.
68 00315 NAT U

PARRY, M. J. I
THE EFFECT OF BACKGROUND NOISE UPON
PERCEIVED NOISE.0 TECHNICAL REPORT.
68 00316 NAT U

PARRY, M. J. I
RADIATION OF COMPRESSOR NOISE FROM AN SST
SCALE MODEL INERT.0
68 00531 NAT U

PARRY, I. S., FLT. LT. I
A SELF-ADAPTIVE AIRCRAFT PITCH RATE CONTROL
SYSTEM EMPLOYING DIFFERENCE EQUATIONS FOR
PARAMETER IDENTIFICATION.0 THESIS.
68 00729 NAT U

PASSINUS, B. I
NEAR FIELD NOISE ANALYSES OF AIRCRAFT
PROPULSION SYSTEMS WITH EMPHASIS ON
PREDICTION TECHNIQUES FOR JET.0
68 01128 NAT U

PATCH, O. E. I
APPLICATION OF OPTIMIZATION TECHNIQUES
TO FLIGHT CONTROL ACTUATION SYSTEM
DESIGN.0
68 00127 NAT U

PATERNY, J. I
INSTRUMENT FLIGHT SIMULATOR STUDY OF THE
VTOL CONTROLLABILITY - CONTROL POWER
RELATIONSHIP.0 PRESENTED AT THE NATIONAL
ARJ-1AS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15, AND 16, 1961.
68 01024 NAT U

PATRICK, J. O. I
EVALUATION OF THE PIKE PA-25B AGRICULTURAL
AIRCRAFT.0
68 01192 NAT U

PATRICK, J. O. I
EVALUATION OF THE CALLAIR A-9 AGRICULTURAL
AIRCRAFT.0 TECHNICAL REPORT.
68 01194 NAT U

PATRICK, J. O. I
EVALUATION OF THE SNOW S-2C AGRICULTURAL
AIRCRAFT.0 FINAL TECHNICAL REPORT.
68 01195 NAT U

PATRICK, J. O. I
EVALUATION OF THE GRUMMAN AG-CAT AGRICULTURAL
AIRCRAFT.0 FINAL TECHNICAL REPORT.
68 01196 NAT U

PATTERSON, E. M., LT. COL. I
REPORT OF SERVICE TEST /AIR DELIVERY/ OF
C-141 USAF JET CARGO AIRCRAFT /STABILIZER/.0
68 00533 NAT U

PATTERSON, V. W. I
MILITARY AIR TRAFFIC ACTIVITY REPORT.0
68 00882 NAT U

PATTERSON, V. W. I
MILITARY AIR TRAFFIC ACTIVITY REPORT.0
CALENDAR YEAR 1967.
68 01239 NAT U

PASTOR, R. M. I
HUMAN ACCELERATION EXPERIENCE AT THE
AEROSPACE MEDICAL RESEARCH DEPARTMENT,
U.S. NAVAL AIR DEVELOPMENT CENTER-JOHNSTOWN -
1 JANUARY 1961-30 DECEMBER 1965.0
68 00976 NAT U

PATTON, R. M., LT. I
EVALUATION OF A HOT SUIT IN COMBINATION
WITH ANTI-BLACKOUT PROTECTION.0 PHASE REPORT.
68 00978 NAT U

- PAVEY, N. A. D.]
STUDY OF BROOD-BAND AMPLITUDE-COMPARISON
METHODS FOR ACCURATE MICROWAVE DIRECTION
FINDING IN A SECTOR.0
68 01058 NAT U
- PAYEN, D. B.]
THE SUBCRITICAL RESPONSE AND FLUTTER
OF A STINGER WING MODEL AIRCRAFT.0
68 00645 NAT U
- PAYNE, M. L.]
INVESTIGATION OF TOLERANCE COMPATIBILITY.0
FINAL REPORT.
68 00475 NAT U
- PAYNE, T. A.]
A STUDY OF THE MOVING FIGURE AND
ORIENTATION OF SYMBOLS ON PICTORIAL AIRCRAFT
INSTRUMENT DISPLAYS FOR NAVIGATION.0
68 00707 NAT U
- PEAKE, D. J.]
A STUDY OF WINDSHIELD TEMPERATURES IN
FLIGHT IN THE KC-41 YUKON AIRCRAFT.0
68 00415 U
- PEAKE, D. J.]
SOME ADDITIONAL LOW SPEED BIRD IMPACT TESTS
ON A MODIFIED WINDSHIELD OF THE CL-41 TUTOR
AIRCRAFT.0
68 00414 U
- PEAKE, D. J.]
SOME ADDITIONAL LOW SPEED BIRD IMPACT TESTS
ON A MODIFIED WINDSHIELD OF THE CL-41 TUTOR
AIRCRAFT.0
68 00610 NAT U
- PEARSON, B. B.]
C-141A ENGINEERING FLIGHT TEST RESULTS
OF ELECTROMAGNETIC INTERFERENCE
COMPATIBILITY AND COMPLIANCE TESTING, FY-67
PRODUCTION AML.0
68 00682 NAT U
- PEARSON, T. C.]
TRANSPORTATION OF TRANSCONTINENTAL CARGO.0
A DESIGN FOR RESEARCH.
68 00540 NAT U
- PEARSON, T. C.]
TRANSPORTATION OF TRANSCONTINENTAL CARGO - A
DESIGN FOR RESEARCH.0
68 01285 NAT U
- PEARSON, R. G.]
DEVELOPMENT AND EVALUATION OF A RADAR
AID TRAFFIC CONTROL RESEARCH TASK.0
68 00234 NAT U
- PEARSON, R. G.]
THE BUSINESS OF TONES PLUS MUSIC.0
68 01294 NAT U
- PERKINS, B. E.]
AN ANALOGUE COMPUTER FOR ON-LINE CORRECTION
OF WIND TUNNEL FORCE AND MOMENT DATA.0
68 01302 NAT U
- PERG, R. J.]
AN INVESTIGATION OF THE HELICOPTER HEIGHT-
VELOCITY DIAGRAM SHOWING EFFECTS OF DENSITY
ALTITUDE AND GROSS WEIGHT.0
68 00844 NAT U
- PERCHAT, G.]
SINGLE CHANNEL MINIPULSE TECHNIQUES.0
FINAL REPORT.
68 00216 NAT U
- PEREGRINE, J. A.]
COMPUTER DRIVEN ELECTROLUMINESCENT
VERTICAL CALL INDICATORS
68 00203 NAT U
- PEREBOREY, S. L.]
FRACTURE TOUGHNESS AND CRACK PROPAGATION OF
500 X STEEL.0 TECHNICAL REPORT.
68 01467 NAT U
- PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. I
FIBER AND FINE FIBER.0
68 00394 NAT U
- PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. I
FOG PREDICTION USING CONDENSATION NUCLEI
AND POTENTIAL GRADIENT.0
68 00658 NAT U
- PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. I
PETROLEUM REFINING LAB. I
FLUIDS, LUBRICANTS, FUELS AND RELATED
MATERIALS.0
68 01315 NAT U
- PENNSYLVANIA UNIV. PHILADELPHIA. I
EXPERIMENTAL EVALUATION OF INFORMATION
RETRIEVAL THROUGH A TELETYPEWRITER.0
68 00273 NAT U
- PENNSYLVANIA, DEPT. OF HIGHWAYS. I
1975 PROJECTIONS, FOREGROUND OF THE
FUTURE.0 VOLUME II.
68 00998 NAT U
- PENNSYLVANIA, DEPT. OF HIGHWAYS. I
1975 TRANSPORTATION PLANS.0 VOLUME III.
68 00999 NAT U
- PENNSYLVANIA, DEPT. OF HIGHWAYS. I
THE STATE OF THE REGION.0 VOLUME I.
68 01000 NAT U
- PERKINS, G. E. G.]
PROBLEMS OF VISION IN LOW LEVEL FLIGHT.0
68 00493 NAT U
- PERLUTTER, A. A.]
STABILITY AND CONTROL HANDBOOK FOR
HELICOPTERS.0
68 00394 NAT U
- PERKINSON, A. A.]
THEORETICAL AND EXPERIMENTAL INVESTIGATION
OF THE INSTANTANEOUS INDUCED VELOCITY FIELD IN
THE WAKE OF A LIFTING OUTSIDE
68 00660 NAT U

- PERRY, B. L. |
OPTICAL GUIDANCE SYSTEMS - ANALYSIS,
DESIGN, AND DEVELOPMENT.0
68 00259 NAT U
- PERRY, G. H. |
AN ANALYSIS OF SOME MAJOR FACTORS INVOLVED
IN NORMAL TAKE-OFF PERFORMANCE.0
68 01305 NAT U
- PETERS, D. W. A. |
REPORT ON A PROTOTYPE MET BULB GLOBE
THERMOMETER INDEX METER FOR SERVICE USE.0
68 00230 NAT U
- PETERS, E. T. |
PHYSICAL CHARACTERIZATION OF ELECTRONIC
MATERIALS, DEVICES AND THIN FILMS.0
68 00852 NAT U
- PIERSON, F. E. |
THE RELATIONSHIP OF COLLEGE MAJOR TO
SUCCESS IN NAVAL AVIATION TRAINING.0
68 00927 NAT U
- PETERSON, T. E. |
THE RELATIONSHIP OF FIVE PERSONALITY
SCALES TO SUCCESS IN NAVAL AVIATION
TRAINING.0
68 00424 NAT U
- PETERSON, M. B. |
FULL-SCALE FIRE MODELING TEST STUDIES
OF LIGHT WATER AND PROTEIN TYPE FOAMS.0
68 00162 NAT U
- PETRASER, D. W. |
REFRACTORY-METAL-FIBER-NICKEL-BASE-ALLOY
COMPOSITES FOR USE AT HIGH TEMPERATURES.0
68 01426 NAT U
- PLITZERSON, B. J. |
MEASUREMENTS OF LIGHTNING STRIKES TO
AIRCRAFT.0
68 00834 NAT U
- PLITY, M. |
FINITE ELEMENT VIBRATION ANALYSIS OF
CRACKED PLATES IN TENSION.0
68 01310 NAT U
- PHATAK, A. V. |
NEW APPROACHES TO HUMAN-PILOT/VEHICLE
DYNAMIC ANALYSIS.0
FINAL REPORT /MARCH 1966 TO JUNE 1967/.
68 01111 NAT U
- PHILCO-FORD CORP. COMMUNICATIONS AND
ELECTRONICS DIV., WILLOW GROVE, PENNA. |
COMPUTER ENTRY AND READOUT EQUIPMENT
/CINEZ.0 FINAL REPORT.
68 01480 R NAT U
- PHILCO-FORD CORP., 8506 HELL, PA. |
STUDY OF CONTACT FAILURES IN INTEGRATED
CIRCUITS.0
68 00010 NAT U
- PHILIPPPOFF, M. |
INVESTIGATION AND ANALYSIS OF AIRCRAFT
FUEL EMULSION.0
68 00781 NAT U
- PHILLIPS PETROLEUM CO. RESEARCH DIV. |
BARTLESVILLE, OKLA. |
TAILORING OF HIGH DENSITY POLYETHYLENE FOR
HIGH SPEED WIRE COATING.0
68 00040 NAT U
- PHILLIPS, A. |
ELECTRON FRACTOGRAPHY HANDBOOK SPECIFIC
APPLICATIONS OF ELECTRON FRACTOGRAPHY.0
68 00600 NAT U
- PHILLIPS, C. B. |
TESTING MONSANTO CHEMICAL DE-ICER
ID-13526.0 INTERIM REPORT.
68 01350 R NAT U
- PHILLIPS, L. G. |
SELF-ADHESIVE STRAIN GAUGES.0
68 00403 U
- PHILLIPS, R. G. |
INVESTIGATION OF VARIOUS AVIATION
OBSTRUCTION MARKERS.0
68 01456 R NAT U
- PHILLIPS, W. P. |
MEASUREMENTS OF GROUND EFFECT ON A LOW-
ASPECT-RATIO WING-AIRPLANE MODEL AND
CALCULATIONS OF LANDING-FLARE TRAJECTORIES.0
68 00759 NAT U
- PICKARD AND BURNS ELECTRONICS, WALTHAM, MASS. |
OMEGA-A WORLD-WIDE NAVIGATIONAL SYSTEM.0
68 00602 NAT U
- PICKARD AND BURNS ELECTRONICS, WALTHAM, MASS. |
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR OMEGA.0
68 01199 R NAT U
- PICKARD AND BURNS ELECTRONICS, WALTHAM, MASS. |
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR
OMEGA.0 VOLUME 1, FINAL REPORT.
68 01255 R NAT U
- PIERCE, J. A. |
OMEGA-A WORLD-WIDE NAVIGATIONAL SYSTEM.0
68 00602 NAT U
- PIERCE, J. R. |
SATELLITE SYSTEMS FOR COMMERCIAL
COMMUNICATIONS.0 PRESENTED AT IAS
TWENTY-EIGHTH ANNUAL MEETING, NEW YORK,
JANUARY 25, 26 AND 27, 1960.
68 01015 NAT U
- PIFRU, A. |
DISCRETE ELEMENT FOR THE
PLASTIC ANALYSIS OF STRUCTURES.0
68 00096 NAT U
- PIGGOTT, B. A. M. |
ATMOSPHERIC TURBULENCE AND AIRCRAFT
HEIGHT-KEEPING ACCURACY.0
68 00561 NAT U
- PIGGOTT, B. A. M. |
PROGRAMMES FOR ANALYSING THE SHORT TAKE-OFF
PERFORMANCE OF DEFECTIVE-JET AIRCRAFT.0
68 01403 NAT U

- PILCICKI, J. J.
TACAN RELIABILITY STUDY.# FINAL
ENGINEERING REPORT.
68 01324 NAT U
- PIP, R. A. J.
HYBRID PIEZOELECTRIC DEVICES.# FINAL
REPORT.
68 00355 NAT U
- PINSNEY, W. J. G. J.
ZERO RATE OF CLIMB SPEED AS A LOW SPEED
LIMITATION FOR THE STALL-FREE AIRCRAFT.#
68 00400 U
- PIPER, R. G. J.
DEVELOPMENT OF AIRLINE-TYPE PRECISION VOR
RECEIVER SYSTEM, PVOR /M/# FINAL REPORT.
68 00435 U
- PITBLADO, C. B. J.
QUANTUM DESCRIPTOR PROPERTIES OF
VISUAL SHAPE.#
68 00324 NAT U
- PITKART, P. J.
TAXI SPEED AND DISTANCE INDICATOR.#
FINAL REPORT.
68 01321 K NAT U
- PITTS, G. G., MAJ. J.
VISUAL ILLUSIONS AND AIRCRAFT ACCIDENTS.#
68 00706 NAT U
- PITTSBURGH, UNIV. CENTER FOR REGIONAL ECONOMIC
STUDIES. J
DESIGN FOR IMPACT STUDIES-NORTHEAST
CORRIDOR TRANSPORTATION PROJECT.#
68 00147 NAT U
- PITTSBURGH, UNIV. GRADUATE SCHOOL OF
BUSINESS. J
INTERMODAL FREIGHT TRANSPORTATION
COORDINATION - PROBLEMS AND POTENTIAL.#
SUMMARY REPORT.
68 01161 NAT U
- PITTSBURGH, UNIV. RESEARCH STAFF. J
AIRCRAFT NAVIGATION COMPUTER /ANC/#
INTERIM REPORT.
68 01154 NAT U
- PITTSBURGH, UNIV. J
ACTUAL VS. IDEAL TIME ALLOCATIONS REPORTED
BY MANAGERS - A STUDY OF MANAGERIAL BEHAVIOR.#
68 00443 NAT U
- PIZZICARA, D. J. J.
INTEGRATED COCKPIT RESEARCH
PROGRAM.# VOLUME I. FINAL REPORT.
68 00066 NAT U
- PIZZICARA, D. J. J.
INTEGRATED COCKPIT RESEARCH PROGRAM.#
VOLUME II. FINAL REPORT.
68 00067 NAT U
- PIZZICARA, D. J. J.
INTEGRATED COCKPIT RESEARCH PROGRAM.#
68 00134 NAT U
- PIZZICARA, D. J. J.
INTEGRATED COCKPIT RESEARCH PROGRAM.#
APPENDIX II.
68 00140 NAT U
- PLANNING RESEARCH CORP., LOS ANGELES. J
POL COST-ESTIMATING RELATIONSHIPS.#
68 00444 NAT U
- PLANNING RESEARCH CORP., LOS ANGELES. J
REVIEW OF PROJECTED NAVY USER REQUIREMENTS
AND CURRENT VENDOR CAPABILITIES.# VOLUME I.
68 00520 NAT U
- PLANTZ, V. C. J.
FEASIBILITY STUDY OF SHIELDING
TECHNIQUES.# FINAL REPORT. 1 JUNE 1963
TO 30 NOVEMBER 1964.
68 00035 NAT U
- PLASMAJET CORP., SANTA ANA, CALIF. J
RECENT EXPERIMENTAL PLASMAJET THRUSTOR
RESULTS.# PRESENTED AT THE NATIONAL ARS-IAS
JOINT MEETING, LOS ANGELES, CALIFORNIA, JUNE
13, 14, 15 AND 16, 1961.
68 01022 NAT U
- PLEDGER, E. R. J.
UNINTERRUPTIBLE POWER SYSTEM MODULE
ANALYSIS.# INTERIM REPORT.
68 00575 NAT U
- PLUMBLE, H. E., JR. J.
REFINEMENT OF SONIC FATIGUE STRUCTURAL
DESIGN CRITERIA.#
68 00662 NAT U
- PLUMBLE, H. E. J.
NEAR FIELD NOISE ANALYSES OF AIRCRAFT
PROPULSION SYSTEMS WITH EMPHASIS ON
PREDICTION TECHNIQUES FOR JETS.#
68 00128 NAT U
- POLLACK, L. J.
FEASIBILITY OF A T.V. SATELLITE.#
PRESENTED AT THE IAS TWENTY-NINTH ANNUAL
MEETING, NEW YORK, JANUARY 23, 24 AND 25,
1961.
68 01020 NAT U
- POLYAKOV, M. B. J.
A THIN PROFILE OF A SUPERSONIC WING WITH
MINIMUM AVERAGE HEAT TRANSFER COEFFICIENT AT
GIVEN AERODYNAMIC CHARACTERISTICS.#
TRANSLATION FROM RUSSIAN.
68 00065 NAT U
- POMROY, S. T. A. J.
A STUDY OF THE EFFECT OF TEMPERATURE AND
DEPTH OF DISCHARGE ON THE PERFORMANCE AND
CYCLE LIFE OF HERMETICALLY SEALED
NICKEL-CADMIUM CELLS.#
68 00484 NAT U
- POPE, G. G. J.
THE DESIGN OF OPTIMUM STRUCTURES OF
SPECIFIED BASIC CONFIGURATION.#
68 01401 NAT U
- POPE, W. T. J.
IMPROVED X-BAND EXTENDED-INTERACTION
RESONATORS.#
68 00475 NAT U

- POPLEY, A. R. |
FACTORS AFFECTING THE ADHESION OF SURFACE
COATINGS TO ANODIZED ALUMINIUM ALLOYS. #
64 00598 NAT U
- PORTER, S. L., MR. |
IN-SERVICE EVALUATION OF THE CANADIAN
CL-84 TILT-WING V/STOL AIRCRAFT. #
68 00136 NAT U
- PORTER, W. H. |
HYDROFOILS AT THE CROSSROADS. # PRESENTED
AT THE IAS TWENTY-NINTH ANNUAL MEETING
NEW YORK, JANUARY 23, 24 AND 25, 1961.
68 J1019 NAT U
- PONTMAN, D. J. |
AN INVESTIGATION OF THE STRUCTURE OF
TURBULENCE OVER WATER SURFACE WAVES. #
68 01117 NAT U
- PORTMANN, P. A. |
NOTES ON CIVIL NAVIGATION AND TRAFFIC
CONTROL TECHNOLOGY. #
68 00269 NAT U
- POWERS, J. O. |
SONIC BOOM THEORY. # PRESENTED AT SHORT
COURSE ON NOISE GENERATION AND SUPPRESSION IN
AIRCRAFT UNIVERSITY OF TENNESSEE SPACE
INSTITUTE TULLAHOMA, TENNESSEE.
68 00635 R NAT U
- PRAGER, P. C. |
FEASIBILITY STUDY OF CRUISE FAN PROPULSION
SYSTEMS AND ASSOCIATED POWER TRANSFER SYSTEM
FOR COMPOUND/COMPOSITE AIRCRAFT. #
68 00778 NAT U
- PRATT, K. G. |
HYPERSONIC WAVES IN PIEZOELECTRIC
CRYSTALS. #
68 00506 NAT U
- PRIDE, K. A. |
EFFECTS OF LONGTIME ENVIRONMENTAL
EXPOSURE ON MECHANICAL PROPERTIES OF SHEET
MATERIALS FOR A SUPERSONIC TRANSPORT. #
68 00639 NAT U
- PRINCETON UNIV., N. J. |
THE PRINCETON PENNSYLVANIA ARMY AVIONICS
RESEARCH PROGRAM. #
68 00503 NAT U
- PRINCETON UNIV., N. J. DEPARTMENT OF AEROSPACE
AND MECHANICAL SCIENCES. |
LATERAL-DIRECTIONAL FLYING QUALITIES FOR
POWER APPROACH - INFLUENCE OF DUTCH ROLL
FREQUENCY. #
68 00336 NAT U
- PRINCETON UNIV., N. J. DEPT. OF AEROSPACE AND
MECHANICAL SCIENCES. |
AN EXPERIMENTAL INVESTIGATION OF GROUND
EFFECT ON A FOUR-PROPELLER TILT WING
V/STOL MODEL. #
68 01441 NAT U
- PRINCETON UNIV., N. J. DEPT. OF AEROSPACE AND
MECHANICAL SCIENCES. |
INVESTIGATION OF THE LATERAL/DIRECTIONAL
STABILITY CHARACTERISTICS OF A FOUR-
PROPELLER TILT-WING VTOL MODEL. #
68 01442 NAT U
- PRINCETON UNIV., N. J. DEPT. OF AEROSPACE AND
MECHANICAL SCIENCES. |
AERODYNAMICS CHARACTERISTICS OF A GENERAL
TILT-WING/PROPELLER MODEL TESTED AT SLOW
SPEEDS AND HIGH ANGLES OF ATTACK. #
68 01443 NAT U
- PRINCETON UNIV., N. J. DEPT. OF MECHANICAL
SCIENCES. |
COMPARISON OF LONGITUDINAL STABILITY
CHARACTERISTICS OF THREE TILT-WING VTOL
AIRCRAFT DESIGNS. #
68 J1125 NAT U
- PRINCETON UNIV., N. J. SCHOOL OF ENGINEERING
AND APPLIED SCIENCE. DEPT. OF CIVIL AND
GEOLOGICAL ENGINEERING. |
STRENGTH RESPONSE PARAMETERS OF NATURAL
SOIL SURFACES AND THEIR APPLICATION TO THE
LANDING PROBLEM OF AIRCRAFT. #
68 00804 NAT U
- PROPHET, U. T. |
PROJECT HILAT AN INVESTIGATION OF
HIGH ALTITUDE CLEAR AIR TURBULENCE. #
VOLUME I.
68 00379 NAT U
- PROPHET, U. T. |
PROJECT HILAT AN INVESTIGATION OF HIGH
ALTITUDE CLEAR AIR TURBULENCE. #
68 00313 NAT U
- PROPHET, U. T. |
PROJECT HILAT AN INVESTIGATION OF HIGH
ALTITUDE CLEAR AIR TURBULENCE. # VOLUME III.
APPENDICES IX AND X.
68 00610 NAT U
- PROST, H. W., JR. |
DETAILED ANALYTICAL AND EXPERIMENTAL
INVESTIGATION OF STATOR PERFORMANCE. #
PART II.
68 00758 NAT U
- PRYADILOV, A. I. |
SLIPPING STALL. # TRANSLATED FROM
RUSSIAN.
68 01134 NAT U
- PSYCHOLOGICAL CORP., NEW YORK. |
A METHOD OF INCREASING THE MANEUVERABILITY
OF HIGH SPEED AIRCRAFT WITHIN THE LIMITS OF
HUMAN TOLERANCE TO G FORCES. #
68 00245 NAT U
- PSYCHOLOGICAL CORP., NEW YORK. |
THE EFFECT OF HEAT UPON THE PERFORMANCE
OF MEN IN HIGH SPEED AIRCRAFT - A CRITICAL
REVIEW. #
68 00246 NAT U
- PUBLIC HEALTH SERVICE, WASHINGTON, D. C. |
CONSTITUTIONAL AND ENVIRONMENTAL FACTORS
RELATED TO SERUM LIPID AND LIPOPROTEIN
LEVELS. #
68 00940 NAT U

PUBLIC HEALTH SERVICE, WASHINGTON, D. C. |
TRENDS IN SYSTOLIC BLOOD PRESSURE IN THE
THOUSAND AVIATOR CUMMOT OVER A TWENTY-FOUR-
YEAR PERIOD.#
68 00943 NAT U

PULLEN, D. M. |
PROGRAMMES FOR ANALYSING THE SHORT TAKE-OFF
PERFORMANCE OF DEFLECTED-JET AIRCRAFT.#
68 01403 NAT U

PURSEL, R. M. |
AN EVALUATION OF AN ALL-WEATHER LANDING
PANEL DISPLAY.# FINAL REPORT.
68 01240 NAT U

PUTNAM, W. F. |
AN EXPERIMENTAL INVESTIGATION OF THE
LONGITUDINAL DYNAMIC STABILITY
CHARACTERISTICS OF FOUR-PROPELLER TILT-WING
VIGOL MODEL.#
68 00779 NAT U

PUTNAM, W. F. |
AN EXPERIMENTAL INVESTIGATION OF GROUND
EFFECT ON A FOUR-PROPELLER TILT WING
V/STOL MODEL.#
68 01441 NAT U

PYIE, J. W., LCDR. |
TRANSONIC FAN FOR AIRCRAFT AIR-CONDITIONING
UNIT.# THESIS.
68 00921 NAT U

QUADE, D. A. |
NUMERICAL DATA.# VOLUME II, FINAL
REPORT / JUNE 1966 TO OCTOBER 1967.#
68 01162 NAT U

QUADE, D. A. |
MATHEMATICAL FORMULATION.# VOLUME I,
FINAL REPORT / JUNE 1966 TO OCTOBER 1967.#
68 01163 NAT U

QUADE, D. A. |
LOCATION OF ROUGH AREAS OF RUNWAYS FOR
B-52 AIRCRAFT.# VOLUME IV, NUMERICAL RESULTS.
68 01268 NAT U

RACHEL, R. R. |
MANAGEMENT ANALYSIS OF BITS AND PIECES
AFFECTING END ITEM REPAIR.#
68 00968 NAT U

RADECKI, R. P. |
STUDY AND TESTS TO REDUCE COMPRESSOR SOUNDS
OF JET AIRCRAFT.# TECHNICAL REPORT.
68 00632 NAT U

RADIATION, INC., MELBOURNE, FLA. |
SINGLE CHANNEL MONOPULSE TECHNIQUES.#
FINAL REPORT.
68 00216 NAT U

RADIO CORP. OF AMERICA, SYSTEMS ENGINEERING, |
EVALUATION AND RESEARCH DIV., MOORESTOWN, N.J. |
EXPERIMENTAL STUDY OF THE EFFECTS OF
SURROUND BRIGHTNESS AND SIZE ON VISUAL
PERFORMANCE.# FINAL REPORT / 1 MARCH 1966 TO
1 MARCH 1967.#
68 01090 NAT U

RADIO CORP. OF AMERICA, CAMDEN, N. J. |
INTEGRATED CIRCUIT AND MESSAGE SWITCH.#
68 00015 NAT U

RADIO CORP. OF AMERICA, CAMDEN, N. J. |
RADIO TRANSMITTING SET AN/GRT-13.#
FINAL REPORT.
68 00496 NAT U

RADIO CORP. OF AMERICA, LANCASTER, PENNA. |
TRANSMITTER TUBE INVESTIGATION.#
FINAL REPORT.
68 00549 NAT U

RADIO TECHNICAL COMMISSION FOR AERONAUTICS, |
WASHINGTON, D. C. |
NATIONAL CONFERENCE ON AIRCRAFT LOCATION
BEACON IMPLEMENTATION, WASHINGTON, D. C.,
APRIL 3, 4, 1968.#
68 01385 NAT U

RADIO TECHNICAL COMMISSION FOR AERONAUTICS, |
WASHINGTON, D. C. |
ENVIRONMENTAL CONDITIONS AND TEST
PROCEDURES FOR AIRBORNE ELECTRONIC/ELECTRICAL
EQUIPMENT AND INSTRUMENTS.#
68 01457 NAT U

RALSTON, H. E. |
DESIGN STUDY OF HEAVY LIFT HELICOPTER
EXTERNAL LOAD HANDLING SYSTEM.#
68 00694 NAT U

RAMBY, K. W. |
APPLICATION OF OPTIMIZATION TECHNIQUES
TO FLIGHT CONTROL ACTUATION SYSTEM
DESIGN.#
68 00127 NAT U

RAMIREZ, M. E. |
EVALUATION OF THE BAK-11/F AIRCRAFT
ARRESTING BARRIER ENGAGING DEVICE.#
68 00511 NAT U

RAND CORP., SANTA MONICA, CALIF. |
GRAPHICAL AIDS TO AEROSPACE VEHICLE
MISSION ANALYSIS.#
68 00337 NAT U

RAND CORP., SANTA MONICA, CALIF. |
ERROR SENSITIVITY ASSOCIATED WITH
ORBITAL HYPERBOLIC-NAVIGATION SCHEMES AND A
SUGGESTED APPROACH FOR IMPROVEMENT.#
68 00028 NAT U

RAND CORP., SANTA MONICA, CALIF. |
OPTIMUM PROCESSING OF UNEQUALLY SPACED
RADAR PULSE TRAINS FOR CLUTTER REJECTION.#
68 00029 NAT U

RAND CORP., SANTA MONICA, CALIF. |
THE EFFECTS OF NUCLEAR WAR ON THE
WEATHER AND CLIMATE.#
68 00068 NAT U

RAND CORP., SANTA MONICA, CALIF. |
A MULTIPLE EQUATION MODEL OF
HOUSEHOLD LOCATIONAL AND TRIPMAKING
BEHAVIOR.#
68 00144 NAT U

AUTHOR INDEX

0-71.2 1

RAND CORP., SANTA MONICA, CALIF. |
THE GRAND CANYON CONTROVERSY - LESSONS
FOR FEDERAL COST-BENEFIT PRACTICES.#
68 00274 NAT U

RAND CORP., SANTA MONICA, CALIF. |
DEFENSE PROCUREMENT AND PUBLIC
UTILITY REGULATION.#
68 00275 NAT U

RAND CORP., SANTA MONICA, CALIF. |
AIRCRAFT CO-PRODUCTION AND PROCUREMENT
STRATEGY.#
68 00276 NAT U

RAND CORP., SANTA MONICA, CALIF. |
METROPOLITAN POPULATIONS TO 1965 -
TRIAL PROJECTIONS.#
68 00244 NAT U

RAND CORP., SANTA MONICA, CALIF. |
NOTES ON TRANSIENT QUEUEING BEHAVIOR
CAPACITY RESTRAINT FUNCTIONS AND THEIR
RELATIONSHIP TO TRAVEL FORECASTING.#
68 00251 NAT U

RAND CORP., SANTA MONICA, CALIF. |
AIR TRANSPORTATION IN THE 1970S - PROBLEMS
AND OPPORTUNITIES.#
68 00712 NAT U

RAND CORP., SANTA MONICA, CALIF. |
A METHOD OF OBJECTIVE CONTOUR
CONSTRUCTION.#
68 01094 NAT U

RAND CORP., SANTA MONICA, CALIF. |
BIBLIOGRAPHY ON AUTOMATION AND
TECHNOLOGICAL CHANGE AND STUDIES OF THE
FUTURE.#
68 01103 NAT U

RAND CORP., SANTA MONICA, CALIF. |
JET FIGHTER ACCIDENT/ATTRITION RATES IN
FLIGHT - AN APPLICATION OF RELIABILITY
GROWTH MODELLING.#
68 01120 NAT U

RANDALL, F. H. |
ADVANCED AUTOMATIC FLIGHT CONTROL SYSTEM
STUDY.# FINAL REPORT.
68 00546 NAT U

RANDSON, R. K. |
V/SICL TERMINOLOGY.#
68 00143 NAT U

RASKAUSKAS, B. J. |
MICROCIRCUIT COMPUTERS FOR FIRE AND
OVERHEAT DETECTION IN MANNED FLIGHT VEHICLES.#
68 00586 NAT U

RAUSED, H. |
TACAN RELIABILITY STUDY.# FINAL
ENGINEERING REPORT.
68 01324 NAT U

RAVINURAN, R. |
STATISTICAL AND METALLOGRAPHIC ASPECTS OF
FATIGUE FAILURE MECHANISMS IN METALS.#
68 00614 NAT U

RAME, R. A. |
ELECTRON FRACTOGRAPHY HANDBOOK SPECIFIC
APPLICATIONS OF ELECTRON FRACTOGRAPHY.#
68 00600 NAT U

RAYTHEON CO. EQUIPMENT DIV., WAYLAND, MASS. |
A METHOD FOR GENERATING TELEVISION MOSAIC
DISPLAY.#
68 01371 NAT U

RAYTHEON CO. MISSILE SYSTEM DIV., BEDFORD, |
MASS. |
DEVELOPMENT OF LOW COST INERTIAL
GYRO.#
68 00165 NAT U

RAYTHEON CO., WOHMWOOD, MASS. |
EXPERIMENTAL KADAR REMOTING MULTIPLEXER
/DEMULTIPLEXER SET.# FINAL REPORT /29 MARCH
1967 TO 29 FEBRUARY 1968/.
68 01375 NAT U

RAYTHEON CO., WAYLAND, MASS. |
SYSTEMS ANALYSIS AND ADAPTIVE
INSTRUMENTATION FOR MODIFIED PULSED C BAND
PULSE MULTIPLEX KADAR.#
68 00776 NAT U

RAYTHEON CO., WAYLAND, MASS. |
TACAN ANTENNA TECHNIQUES.# FINAL REPORT
/MARCH 1966 TO SEPTEMBER 1967/.
68 01301 NAT U

REID, L. S. |
OPTIMUM PROCESSING OF UNEQUALLY SPACED
KADAR PULSE TRAINS FOR CLUTTER REJECTION.#
68 00024 NAT U

REED, K. E. |
TRANSMITTER TUBE INVESTIGATION.#
FINAL REPORT.
68 00549 NAT U

REED, W. H. |
PRINCIPLES FOR IMPROVING STRUCTURAL CRASH-
WORTHINESS FOR STOL AND CTO AIRCRAFT.#
68 00874 NAT U

REED, W. H. |
CRASH SURVIVAL DESIGN GUIDE.#
68 01250 NAT U

REEDS, C. H. |
RLM-RESEARCH ON THE LOWERING OF WEATHER
MINIMA FOR LANDING OF AIRCRAFT.#
68 00466 NAT U

REILLY, G. J. |
FLAT CABLES FOR LIGHTWEIGHT
INTERCONNECTIONS.#
68 00211 NAT U

REINDEL, J. |
CIRCULAR-ARRAY KADAR ANTENNA - CARAMBA II
EXPERIMENTAL RESULTS.# RESEARCH AND
DEVELOPMENT REPORT /JULY 1966 TO JANUARY
1968/.
68 01320 NAT U

REINDEL, J.A.]
THE MULTITHROW MICROWAVE DIODE
SWITCH.# RESEARCH AND DEVELOPMENT
REPORT.
68 00156 NAT U

REITER, L. K.]
THE DEPENDENCE OF THE RICHARDSON
NUMBER ON SCALE LENGTH.#
68 00314 NAT U

RENFRO, J. B.]
THE MINI-RECORDER SYSTEM.# PRESENTED AT
THE NATIONAL ARS-IAS JOINT MEETING, LOS
ANGELES, CALIFORNIA, JUNE 13, 14, 15 AND 16,
1961.
68 01027 NAT U

RENSSELAER POLYTECHNIC INST., TROY, N. Y.]
PISTON TUBEFLIGHT.# PHASE I. FEASIBILITY
STUDY.
68 00656 NAT U

RENSSELAER POLYTECHNIC INST., TROY, N. Y.]
FREQUENCY CODED THRESHOLD LOGIC UNIT FOR
PATTERN RECOGNITION APPLICATION.#
68 00648 NAT U

REPUBLIC AVIATION CORP., NEW YORK.]
A STUDY OF SOLID-FUEL RAMJET APPLICATIONS.#
PRESENTED AT THE ARS-IAS JOINT MEETING, LOS
ANGELES, CALIFORNIA, JUNE 13, 14, 15 AND 16,
1961.
68 01025 NAT U

RESCHAK, R. J., CAPT.]
TRI-SERVICE EVALUATION OF THE CANADIAN
CL-84 TILT-WING V/STOL AIRCRAFT.#
68 00136 NAT U

RESEARCH ANALYSIS CORP., MCLEAN, VA.]
LIFE DISTRIBUTIONS DERIVED FROM
STOCHASTIC HAZARD FUNCTIONS.#
68 00714 NAT U

RESEARCH ANALYSIS CORP., MCLEAN, VA.]
A RENEWAL THEORETIC APPROACH TO THE
ESTIMATION OF FUTURE DEMAND FOR REPLACEMENT
PARTS.#
68 00795 NAT U

RESEARCH ANALYSIS CORP., MCLEAN, VA.]
AN AIRCRAFT COMPONENT INTENSIVE
MANAGEMENT SYSTEM /ACIMS/.#
68 00919 NAT U

RESEARCH AND TECHNOLOGY DIV. AIR FORCE/
MATERIALS LAB., WRIGHT-PATTERSON AFB, OHIO.]
RELIABILITY ANALYSIS BASED ON TIME
TO FIRST FAILURE.#
68 00112 NAT U

RESEARCH AND TECHNOLOGY DIV. SYSTEMS/
ENGINEERING GROUP, WRIGHT-PATTERSON AFB,]
OHIO.]
GROUND ACOUSTICAL SURVEY OF THE B-57F
AIRPLANE WITH TP-33-7-11A ENGINE.#
68 00592 NAT U

RESEARCH AND TECHNOLOGY DIV. SYSTEMS/
ENGINEERING GROUP, WRIGHT-PATTERSON AFB,]
OHIO.]
DEVELOPMENT AND TEST OF THE ENGINE ANALYZER
SYSTEM.#
68 00730 NAT U

RESEARCH AND TECHNOLOGY DIV. SYSTEMS/
ENGINEERING GROUP, WRIGHT-PATTERSON AFB,]
OHIO.]
SYSTEMS ANALYSIS AND MECHANIZATION
STUDIES.# APPENDIX I, FINAL TECHNICAL REPORT.
68 00902 NAT U

RESEARCH AND TECHNOLOGY DIV. SYSTEMS/
ENGINEERING GROUP, WRIGHT-PATTERSON AFB,]
OHIO.]
CONTROLS AND DISPLAYS ANALYSIS.#
APPENDIX II.
68 00903 NAT U

RESEARCH AND TECHNOLOGY DIV. SYSTEMS/
ENGINEERING GROUP, WRIGHT-PATTERSON AFB,]
OHIO.]
SYSTEMS EFFECTIVENESS REPORT.#
APPENDIX III
68 00904 NAT U

RESEARCH AND TECHNOLOGY DIV. SYSTEMS/
ENGINEERING GROUP, WRIGHT-PATTERSON AFB,]
OHIO.]
LUNAR C/D RECEIVER.# VOLUME IV, FINAL
DEFINITION PHASE REPORT.
68 01155 NAT U

RESEARCH AND TECHNOLOGY DIV., AIR FORCE/
MATERIALS LAB., WRIGHT-PATTERSON AFB, OHIO.]
STRESSES IN SKIN PANELS SUBJECTED TO
RANDOM ACOUSTIC LOADING.#
68 00126 NAT U

RESEARCH AND TECHNOLOGY DIV., WRIGHT-PATTERSON/
AFB, OHIO.]
AEROSPACE STRUCTURAL METALS HANDBOOK.#
68 00365 NAT U

RESEARCH AND TECHNOLOGY DIV., WRIGHT-PATTERSON/
AFB, OHIO.]
AEROSPACE STRUCTURAL METALS HANDBOOK.#
68 00371 NAT U

RESEARCH TECHNOLOGY DIV. SYSTEMS ENGINEERING/
GROUP, WRIGHT-PATTERSON AFB, OHIO.]
COMPUTER SUBSYSTEM.# VOLUME V, FINAL
TECHNICAL REPORT.
68 00905 NAT U

REYNOLDS, E. S.]
EN ROUTE IFM AIR TRAFFIC RELATIONSHIPS.#
68 00459 R NAT U

REYNOLDS, K.]
U. S. GENERAL AVIATION-BUSY HIGHWAY
IN THE SKY.#
68 00717 R NAT U

RHODES, J. D.]
MICROWAVE ALL-PASS NETWORKS.#
68 00992 NAT U

RHODES, J. D.]
MICROWAVE NETWORKS WITH CONSTANT
DELAY.#
68 00331 NAT U

AUTHOR INDEX

ANDRES, L. L.]
LANDING GEAR AND DRAG CHUTE SYSTEMS
XB-70A.# SUMMARY TEST REPORT.
68 00442 NAT U

KIDNEY, H. S.]
QUADRUPOLE CORRELATIONS GOVERNING THE
PATTERN OF JET NOISE.#
68 00407 U

KIDNER, H. S.]
THE NOISE OF AIRCRAFT.# PRESENTED AT
FOURTH CONGRESS OF THE INTERNATIONAL COUNCIL
OF THE AERONAUTICAL SCIENCES, PARIS, FRANCE,
AUGUST 24-28, 1964.
68 01035 NAT U

KICCI, K. L.]
PRESENT AND FUTURE STATE OF THE
ART IN GUIDANCE COMPUTER MEMORIES.#
68 00098 NAT U

KICH, P. M.]
EVALUATION OF EXPERIMENTAL FLIGHT
DATA RECORDERS IN AN AIRCRAFT CRASH
ENVIRONMENT.# FINAL REPORT.
68 01517 R NAT U

RICHARDS, J. L.]
TECHNICAL EVALUATION OF DIRECTION FINDER
SET AN/GMD-11A.# FINAL REPORT.
68 00477 NAT U

RICHARDS, W.]
CONTOUR DESCRIPTOR PROPERTIES OF
VISUAL SHAPE.#
68 00324 NAT U

RICHARDSON, C. S.]
EFFECT OF SPEED BRAKES ON THE SUPERSONIC
AERODYNAMIC CHARACTERISTICS OF A VARIABLE-
SWEEP TACTICAL FIGHTER MODEL AT MACH NUMBERS
FROM 1.60 TO 2.50.#
68 01427 NAT U

KIDDLE, G. W.]
AN EXPERIMENTAL STUDY OF THE INFLUENCE OF
THE TURBULENT BOUNDARY LAYER ON PANEL
FLUTTER.#
68 00749 NAT U

KIDDLE, G. W.]
AN EXPERIMENTAL STUDY OF THE INFLUENCE OF
THE TURBULENT BOUNDARY LAYER ON PANEL
FLUTTER.#
68 01035 NAT U

KIDLEY, T. M.]
AN INVESTMENT POLICY TO REDUCE THE TRAVEL
TIME IN A TRANSPORTATION NETWORK.#
68 00645 NAT U

KINGLER, F. M.]
RESEARCH STUDY FOR THE DESIGN OF A
PORTABLE VTOL BLAST CONTROLLING
PLATFORM.# FINAL REPORT.
68 00190 NAT U

KIPPERGER, E. A.]
INDEX - WORD AND AUTHOR INDEX.# VOLUME
XV.
68 01071 NAT U

KITA, A. O.]
UH-2 HELICOPTER HIGH-SPEED FLIGHT RESEARCH
WITH LIFT AND THRUST AUGMENTATION.#
68 00581 NAT U

RIVES, M. A.]
ELECTRONIC SYSTEMS DIVISION HANDBOOK FOR
SCIENTIFIC AND TECHNICAL INFORMATION
/STINFO/.#
68 01099 NAT U

RIZY, E. P., 1ST/LT.]
DICHROIC FILTER SPECIFICATION FOR
COLOR ADDITIVE DISPLAYS.# FINAL REPORT.
68 00091 NAT U

ROBB, J. O.]
EXPERIMENTAL STUDY OF TRIGGERED
NATURAL LIGHTNING DISCHARGES.# FINAL
REPORT.
68 00072 NAT U

ROBBINS, D.]
DISCLOSURES ON MAGNETIC TAPE READER
FOCUS DETECTOR, MULTIFEN READER, SIGNAL
AVERAGING FILTER, ELECTROSTATIC RMS VOLTAGE
BACK-UP RING FOR O-RINGS, AND LOW TEMPERATURE
SOLID STATE THERMOMETER.#
68 00234 NAT U

ROBBINS, D.]
DISCLOSURES ON - AUTOSORT-AN
AUTOMATIC COLLATING AND SORTING MACHINE,
OPTICAL HETERODYNE REFRACTOMETER, LIQUID
METERING PUMP, STABLE WIDEBAND RELAXATION
OSCILLATOR USING THREE INVERTING AMPLIFIERS,
AND SLAT BELT WEBBING ABRASION RESISTANCE
TESTING MACHINE.#
68 00243 NAT U

ROBERSON, K. D.]
THE VALUE OF MAINTENANCE.#
68 00426 U

ROBERTS, M. J.]
INTERMODAL FREIGHT TRANSPORTATION
COORDINATION - PROBLEMS AND POTENTIAL.#
SUMMARY REPORT.
68 01161 NAT U

ROBERTSON, S. M.]
CRASH SURVIVAL DESIGN GUIDE.#
68 01250 NAT U

ROBICHAUX, W. G.]
VOR ROTOR MODULATION ANTENNA STUDY.#
FINAL REPORT /16 SEPTEMBER 1967 TO 30
NOVEMBER 1967/.
68 01157 NAT U

ROBINSON, A. C.]
A SURVEY OF THEORETICAL DYNAMIC ANALYSIS
METHODS FOR AUTOMATIC FLIGHT CONTROL
DESIGN.# FINAL REPORT.
68 01130 NAT U

ROBINSON, D. B.]
INTERIM PROPOSAL FOR AIR ATTENUATION
VALUES FOR AIRCRAFT NOISE.#
68 00734 NAT U

- ROBINSON, R. C. |
DYNAMIC RESPONSE OF A FAMILY OF
AXISYMMETRIC HAMMERHEAD MODELS TO UNSTEADY
AERODYNAMIC LOADING.#
68 01429 NAT U
- ROCHESTER APPLIED SCIENCE ASSOCIATES, INC. |
ROCHESTER, N. Y. |
A THEORY FOR PREDICTING THE ROTATIONAL
NOISE OF LIFTING ROTORS IN FORWARD FLIGHT,
INCLUDING A COMPARISON WITH EXPERIMENT.#
65 00001 NAT U
- RODGERS, L. E. |
DEVELOPMENT AND FLIGHT TESTING OF
A FLUIDIC FLIGHT CONTROL SYSTEM.#
68 00266 NAT U
- RODRICK, J. A., JR. |
NEW CONCEPTS FOR EMERGENCY EVACUATION OF
TRANSPORT AIRCRAFT FOLLOWING SURVIVABLE
ACCIDENTS.#
68 00461 NAT U
- ROEGNER, H. F. |
A-10B U. S. ARMY MOHAWK MUCKUP
EVALUATION BETHPAGE, LONG ISLAND, NEW YORK,
31 MARCH 1960.#
68 00719 NAT U
- ROEGNER, H. F. |
CRASH INJURY CULLETIN PART I - ATTACHMENT
OF SEAT BELTS IN THE HU-1A HELICOPTER PART II.
STOWAGE OF EQUIPMENT UNDER TROOP SLATS.#
68 00720 NAT U
- ROGERS, L. S. |
MEASUREMENT OF ELECTROSTATIC CHARGE ON
AIRCRAFT.#
68 01088 NAT U
- ROGERS, J. H. |
AIRCRAFT FUEL SYSTEMS DESIGN
STUDY.#
68 00160 NAT U
- ROGERS, K. H. |
EXPERIMENTAL INVESTIGATIONS OF
GROUND-JET SUPPRESSION FENCES FOR VTOL
AIRCRAFT PREPARED SITES.# FINAL TECHNICAL
REPORT /DECEMBER 1966 TO DECEMBER 1967/.
68 01166 NAT U
- ROGERS, M. E. |
INVESTIGATION INTO A FUEL TANK
EXPLOSION BRITANNIA G-ANRA.#
68 00401 U
- ROGERS, K. A. |
INTEGRATION OF AIRBORNE DATA RECORDERS
AND GROUND-BASED COMPUTERS FOR ENGINE
MAINTENANCE PURPOSES.#
68 00427 U
- ROULET, M. E. |
ANALYTICAL DETERMINATION OF RADIAL IMFLOW
TURBINE DESIGN GEOMETRY FOR MAXIMUM
EFFICIENCY.#
68 00689 NAT U
- ROMAN, J. |
DEVELOPMENT OF RESPIRATION-RATE
TRANSDUCERS FOR AIRCRAFT ENVIRONMENTS.#
68 00034 NAT U
- ROMAN, J. |
A USEFUL MODIFICATION OF THE
WRIGHT SPIROMETER.#
68 00166 NAT U
- ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. |
Y. |
INTEGRATED CIRCUIT AND MESSAGE SWITCH.#
68 00015 NAT U
- ROME AIR DEVELOPMENT CENTER, AIR FORCE SYSTEMS
COMMAND, GRIFFISS AFB, N. Y. |
A DESCRIPTION OF THE USU X-BAND SATELLITE
COMMUNICATIONS ARRAY FACILITY.#
68 00049 NAT U
- ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. |
Y. |
FALAN ANTENNA TECHNIQUES.# FINAL
REPORT // DECEMBER 1965 TO DECEMBER 1966/.
68 00901 NAT U
- ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. |
Y. |
EFFECTIVENESS OF DISPLAY SUBSYSTEM
MEASUREMENT AND PREDICTION TECHNIQUES.#
68 00001 NAT U
- ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. |
Y. |
RF SUB-MINIATURE DELAY LINE.# FINAL
REPORT.
68 00002 NAT U
- ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. |
Y. |
REFLECTOR ANTENNA ZOOM TECHNIQUES.#
68 00008 NAT U
- ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. |
Y. |
MULTICOLOR TV DISPLAY DEVELOPMENT.#
68 00009 NAT U
- ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. |
Y. |
STUDY OF CONTACT FAILURES IN INTEGRATED
CIRCUITS.#
68 00010 NAT U
- ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. |
Y. |
INTEGRATED SOLID STATE TIME DELAY
AMPLIFIER.#
68 00011 NAT U
- ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. |
Y. |
REAL TIME DIGITAL PHASE SHIFTERS UTILIZING
4-PORT SINGLE-JUNCTION LATCHING CIRCULATORS.#
68 00012 NAT U
- ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. |
Y. |
MICROWAVE PHASE MEASUREMENTS ON THE ACTIVE
SWEEP FREQUENCY INTERFEROMETER RADAR SYSTEM.#
68 00013 NAT U
- ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. |
Y. |
ELECTRONICALLY TUNABLE PARAMETRIC
UPCONVERTER.#
68 00014 NAT U

AUTHOR INDEX

000000

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | HADC RELIABILITY.0 VOLUME II.
68 00047 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | DORMANT OPERATING AND STORAGE EFFECTS
ON ELECTRONIC EQUIPMENT AND PART
RELIABILITY.0 FINAL REPORT.
68 00048 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | DICHOIC FILTER SPECIFICATION FOR
COLOR ADDITIVE DISPLAYS.0 FINAL REPORT
68 00091 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | MICROWAVE ALL-PASS NETWORKS.0
68 00092 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | RADAR IMAGING.0 FINAL REPORT.
68 00109 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | ADAPTIVE TECHNIQUES FOR PHASED ARRAYS.0
FINAL REPORT.
68 00110 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | HF ADAPTIVE MODEL AIR-TO-GROUND TEST.0
68 00117 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | A BUZZING ANALYSIS OF THE TRAFFIC
HANDLING CAPABILITY OF A SATELLITE GROUND
TERMINAL.0 FINAL REPORT.
68 00118 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | TRANSMITTER TUBE INVESTIGATION.0 FINAL
REPORT.
68 00134 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | SOLID STATE HF LINEAR AMPLIFIER.0
FINAL REPORT.
68 00135 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | SOLID-STATE SWITCH DEVELOPMENT.0 FINAL
REPORT.
68 00172 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | MICROWAVE NETWORKS WITH CONSTANT
DELAY.0
68 00311 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | IMPROVED VIDEO DETECTORS.0
68 00332 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | ACCELERATED TESTING OF HIGH RELIABILITY
PARTS.0
68 00390 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | IMPROVED X-BAND EXTENDED-INTERACTION
RESONATORS.0
68 00475 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | SALS/AUTODIN/TELETYPE INTERFACE STUDY.0
STUDY.0
68 00548 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | 8-18 MHZ LOW NOISE TWT AMPLIFIER.0
INTERIM REPORT/11 JANUARY TO 15 SEPTEMBER
1967.
68 00895 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | INVESTIGATION OF SCALAR FEED MONOPULSE
CAPABILITY.0 FINAL REPORT /FEBRUARY 1966 TO
NOVEMBER 1967.
68 00896 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | TACAN ANTENNA TECHNIQUES.0 FINAL REPORT.
68 01060 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | TACAN ANTENNA TECHNIQUES.0 FINAL REPORT
/MARCH 1966 TO SEPTEMBER 1967.
68 01061 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | ARRAY BEAM SWITCHING STUDY.0 FINAL REPORT
/SEPTEMBER 1967.
68 01063 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | ACCELERATED TESTING TECHNOLOGY.0 VOLUME I,
FINAL REPORT /FEBRUARY 1966 TO JULY 1967.
68 01065 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | BRUARDMAN X-BAND KLYSTRON.0 FINAL REPORT.
68 01066 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | ACCELERATED TESTING TECHNOLOGY.0
VOLUME II, FINAL REPORT /FEBRUARY 1966 JULY
1967.
68 01067 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
Y. | OPERATION OF GUNN DEVICES IN A SERIES O-C
BIAS CONFIGURATION.0 VOLUME II,
FINAL REPORT /1 NOVEMBER 1966 TO 1 SEPTEMBER
1967.
68 01069 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. 1
INTEGRATED SOLID STATE TIME DELAY
AMPLIFIER.0
68 0111 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. 1
INVESTIGATION OF PRECISION ANTENNA PATTERN
RECORDING AND DISPLAY TECHNIQUES.0 PHASE III.
68 0136 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. 1
EXPERIMENTAL RADAR REMOTING MULTIPLEXER
/DEMULTIPLEXER SET.0 FINAL REPORT /29 MARCH
1967 TO 29 FEBRUARY 1968/.
68 0135 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. 1
MATHEMATICAL MODELS OF INFORMATION
SYSTEMS.0
68 0146 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. 1
COST EFFECTIVENESS METHODOLOGY. PART I.
GUIDELINES FOR SYSTEM LIFE - CYCLE COSTING.0
FINAL REPORT.
68 0145 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. 1
COST EFFECTIVENESS METHODOLOGY. PART II.
APPLICATION OF MARKOV CHAIN MODELS
TO DETERMINATION OF MARK STATE PROBABILITIES.0
FINAL REPORT.
68 0142 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. 1
COST EFFECTIVENESS METHODOLOGY. PART III.
APPLICATION OF WEISS STATISTICAL DECISION
THEORY TO COST EFFECTIVENESS DECISION.0
FINAL REPORT.
68 0143 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. 1
PARAMETRIC AMPLIFIERS FOR ELECTRONICALLY
STEERABLE RADAR SYSTEMS.0 FINAL REPORT.
68 0144 NAT U

ROME AIR DEVELOPMENT CENTER, GRIFFISS AIR AFB, N.Y. 1
DEVELOPMENT OF MATERIALS FOR HARDENED
ANTENNAS AND PROTECTIVE STRUCTURES.0
FINAL TECHNICAL REPORT /30 JUNE 1966
TO 20 JUNE 1967/.
68 0088 NAT U

RUSK, S.1
METHODS FOR THE INITIAL SUPRADISTRICT
PROJECTIONS OF NORTHEAST CORRIDOR POPULATIONS,
EMPLOYMENT AND INCOME.0
68 0148 NAT U

RUSIN, P.1
AIRCRAFT KINEMATICS ROUTINE.0
68 0081 NAT U

ROSEN, M. M.1
THE ADVANCED CONCEPTS EVALUATOR /ACE/ /
CONTROLLED ACTIVITY ROUTINES.0 TECHNICAL
MEMO.
68 00079 NAT U

RUSENBAUM, J. L.1
COMPUTER DRIVEN ELECTROLUMINESCENT
VERTICAL SCALE INDICATOR.0
68 00208 NAT U

RUSENSTEIN, M.1
THE INFLUENCE OF ALCOHOL AND DRAMAMINE,
ALONE AND IN COMBINATION, ON PSYCHOMOTOR
PERFORMANCE.0
68 00442 NAT U

ROSENTHAL, G.1
AIRCRAFT PRELIMINARY DESIGN REPORT
V750L JET OPERATIONS RESEARCH AIRPLANE
DESIGN STUDY-SECTIONS I TO V.0 PART I.
68 00344 NAT U

ROSS, W.1 PHU.1
AIRCRAFT ACCIDENTS BY OLDER PERSONS.0
68 00742 R NAT U

ROSS, B. M.1
EFFECTS OF TRANSVERSE G-STRESS ON
RUNNING MEMORY.0
68 00477 NAT U

ROSS, M. M.1
U. S. PASSENGER TRANSPORTATION - AN
INVENTORY OF RESOURCES AND AN ANALYSIS OF
CAPABILITIES OF SURFACE MODES.0
68 00040 NAT U

ROSS, S. M.1
FUNGUS RESISTANCE OF VINYL POLYMER
INSULATING CABLE COVERINGS.0
TECHNICAL RESEARCH REPORT.
68 00904 NAT U

ROSS, M.1
THE EFFECT OF ATMOSPHERIC REFRACTION
ON THE ACCURACY OF RADAR HEIGHT MEASUREMENTS.0

ROSSIEN, S.1
ATC CONCEPTS FOR SUPERSONIC VEHICLES.0
PART II-2. INTERIM REPORT.
68 00181 R NAT U

ROTH, G. J.1
PARAMETRIC FATIGUE ANALYSIS OF
USAF AIRCRAFT.0
68 00142 NAT U

ROTHER, D. J.1
ARMY ADVANCED APC STUDY.0 PHASE I.
FINAL REPORT /1 MARCH TO 1 NOVEMBER 1967/.
68 01280 NAT U

ROUT, P.1
TESTS ON ALIC VIDEOMETER IN PIG CHAMBER AT
UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA
U. S. A.0 FINAL REPORT.
68 00510 NAT U

ROY, R.1
FREQUENCY CODED THRESHOLD LOGIC UNIT FOR
PATTERN RECOGNITION APPLICATION.0
68 00240 NAT U

- ROYSTER, D. M. I
EFFECTS OF LONGTIME ENVIRONMENTAL
EXPOSURE ON MECHANICAL PROPERTIES OF SHEET
MATERIALS FOR A SUPERSONIC TRANSPORT.0
68 00639 NAT U
- RUBBENT, P. E. I
THEORY AND APPLICATION.0 VOLUME I.
68 01123 NAT U
- RUBENSTEIN, A. M., DR. I
PROGRAM OF RESEARCH ON THE MANAGEMENT
OF RESEARCH AND DEVELOPMENT.0
68 00141 NAT U
- RUBLY, M. A. I
A GAS-LIQUID CHROMATOGRAPHIC METHOD OF
ANALYSIS FOR SYNTHETIC TURBINE ENGINE
LUBRICANTS.0
68 00554 NAT U
- RUDINOFF, M. I
EXPERIMENTAL EVALUATION OF INFORMATION
RETRIEVAL THROUGH A TELETYPEWRITER.0
68 00273 NAT U
- RUBINSTEIN, I. I
SOLID-STATE SWITCH DEVELOPMENT.0 FINAL
REPORT.
68 00172 NAT U
- RUBIN, G. L. I
SUBSONIC AND TRANSONIC FLUTTER AND FLOW
INVESTIGATIONS OF THE T-TAIL OF A LARGE
MULTIPLY CARGO AIRPLANE.0
68 00763 NAT U
- RULLIA, P. L. I
THERMAL INSULATION SYSTEMS.0
A SURVEY.
68 00093 NAT U
- RUDER, T. F., JR. I
REFINEMENT OF SONIC FATIGUE STRUCTURAL
DESIGN CRITERIA.0
68 00862 NAT U
- RUMRE, L. M. I
TESTING AND FURTHER DEVELOPMENT OF AN
ELECTRONIC CLOUD DETECTOR.0
68 00671 NAT U
- RULLA, P. J. I
INTERNATIONAL LANGUAGE FOR AVIATION
INSTRUMENT FLIGHT.0
68 00058 NAT U
- RULLA, P. J. I
INTERNATIONAL LANGUAGE FOR AVIATION -
INSTRUMENT FLIGHT.0
68 01174 NAT U
- RUYAN, M. L. I
SONIC BOOM - ITS SIGNATURE
CHARACTERISTICS.0
68 01204 NAT U
- RUTAN, T. L. I
EVALUATION OF THE C-130E STABILITY AND
CONTROL CHARACTERISTICS DURING TANDER,
SEQUENCING AN SINGLE-PLATFORM LAPIS
DELIVERIES AND AIRCRAFT DELIVERIES.0
68 00144 NAT U
- RUTH, J. C., MAJ. I
A PARAMETRIC COMPARISON OF AIRCRAFT
INERTIAL NAVIGATION SYSTEMS.0
DOCTORAL THESIS.
68 00917 NAT U
- RUTH, J. C., MAJ. I
A PARAMETRIC COMPARISON OF AIRCRAFT
INERTIAL NAVIGATION SYSTEMS.0
DOCTORAL THESIS.
68 00918 NAT U
- RUFFEL, M. A. I
NEEDS FOR ENVIRONMENTAL DATA.0
68 00148 NAT U
- RYAN, J. V. I
PARAMETRIC FATIGUE ANALYSIS OF
USAF AIRCRAFT.0
68 00192 NAT U
- RYAN, T. A. I
ELIMINATION AND GENERATION OF AIR VEHICLE
PRECIPITATION STATIC NOISE FOR THE X-20.0
68 01070 NAT U
- RYERSON, C. M. I
MAGC RELIABILITY.0 VOLUME II.
68 00047 NAT U
- SAAKIS, G. R. I
THEORY AND APPLICATION.0 VOLUME I.
68 01123 NAT U
- SAGOMONYAN, A. Y. I
IMPACT OF A SUPERSONIC JET ON A SURFACE.0
68 00668 NAT U
- SAIA, J. L. I
FUEL CONSIDERATIONS IN THE U. S.
SUPERSONIC TRANSPORT PROGRAM.0 PRESENTED TO
USAF JET FUEL QUALITY SYMPOSIUM,
SAN ANTONIO, TEXAS /OCTOBER 22-24, 1968.
68 01527 NAT U
- SARRAN, C. F., JR. I
TE-19 HYBRID DOPPLER-RADAR INERTIAL
NAVIGATION TECHNIQUES FOR THE SUPERSONIC
TRANSPORT AIRCRAFT.0
68 00730 NAT U
- SALCEDO, F. S. I
RESEARCH TO OPTIMIZE THE FILAMENT-BOUND
TOROIDAL TIME TO PROVIDE PERFORMANCE TO TESTS
OF SPECIFICATION MIL-T-30410 AT MINIMUM
WEIGHT.0
68 00228 NAT U
- SALISBURY, M. R. I
RESEARCH IN THERMAL NONDESTRUCTIVE
EVALUATION OF CORROSION IN AIRCRAFT
STRUCTURES.0
FINAL REPORT.
68 00603 NAT U
- SALLADA, R. V., LT. I
EVALUATION OF THE SPIN CHARACTERISTICS
OF THE T-28 AIRPLANE.0 FINAL REPORT.
68 00664 NAT U
- SALTON, G. I
INFORMATION STORAGE AND RETRIEVAL.0
68 00664 NAT U

SAN JOSE STATE COLLEGE, SAN JOSE, CALIF. DEPT. I
OF COMMERCE. I

AVIATION TERMINAL WEATHER FORECAST
STUDY.0
68 00655 NAT U

SANDERS, C. A. I
VECTHOCARDIOGRAPHIC CHANGES DURING
INTRACARDIUM INJECTIONS.0
68 00938 NAT U

SANDERS, D. C. I
EVALUATION OF A BIOLOGICAL TURBINE-FUEL
ADDITIVE.0
68 00697 R NAT U

SANDERS, M. J., JR. I
ADAPTIVE TECHNIQUES FOR PHASED ARRAYS.0
FINAL REPORT.
68 00110 NAT U

SANDFORD, M. C. I
SUPersonic AND TRANSONIC FLUTTER AND FLOW
INVESTIGATIONS OF THE T-TAIL OF A LARGE
MULTIJET CARGO AIRPLANE.0
68 00763 NAT U

SANDIA CORP., ALBUQUERQUE, N. MEX. I
MEASUREMENTS OF LIGHTNING STRIKES TO
AIRPLAFT.0
68 00634 NAT U

SANDIA CORP., ALBUQUERQUE. I
DATA-REDUCTION TECHNIQUE FOR THE
ANALYSIS OF NONLINEAR MOTION.0 RESEARCH
REPORT.
68 01498 NAT U

SARTUR, J. U. I
AN AIRPLANE-MOUNTED SYSTEM FOR SENSING
AND RECORDING RADIO.0
68 00462 NAT U

SASKATCHEWAN UNIV., SASKATOON. I
THE INFLUENCE OF SOIL SUCTION ON THE
BEHAVIOR OF A GLACIAL TILL SUBJECTED TO
REPEATED LOADING.0
68 00793 NAT U

SATO, C. I
NONLINEAR OSCILLATION OF A GYROSCOPE.0
68 00087 NAT U

SATO, H. N. A. I
A USEFUL MODIFICATION OF THE
WRIGHT SPIRIMETER.0
68 00166 NAT U

SATHI, V. I., JR. I
REFLECTOR ANTENNA ZOOM TECHNIQUES.0
68 00806 NAT U

SAUER, S. A. I
THE INFLUENCE OF SOIL SUCTION ON THE
BEHAVIOR OF A GLACIAL TILL SUBJECTED TO
REPEATED LOADING.0
68 00793 NAT U

SAUNDERS, T. S. I
FURTHER ANALYSIS OF TSA-2 FLIGHTS
THROUGH MANOUEVER.0
68 00964 NAT U

SAWYER, R. M. I
SIMULATION STUDIES OF THE SUPERSONIC
TRANSPORT IN THE PRESENT-DAY AIR TRAFFIC
CONTROL SYSTEM.0
68 01271 NAT U

SCAFFER, M. I
ORGANIC CHEMISTRY - AIR POLLUTION STUDIES -
CHARACTERIZATION OF CHEMICAL STRUCTURES -
SYNTHESIS OF RESEARCH MATERIALS - NOVEL
RESEARCH MATERIALS - ISOTOPIC METHODS FOR
ANALYSIS OF CARBOHYDRATES - OCCURRENCE,
PREPARATION, AND PROPERTIES OF NATURALLY
OCCURRING MONOSACCHARIDES (INCLUDING D-DEXY
ZURGANIC JULY 1966 THROUGH JUNE 1967.0
68 00241 NAT U

SCANLAN, J. U. I
MICROWAVE ALL PASS NETWORKS.0
68 00092 NAT U

SCANLAN, J. U., JR. I
MICROWAVE NETWORKS WITH CONSTANT
DELAY.0
68 00331 NAT U

SCANWELL LABS., INC., SPRINGFIELD, VA. I
VIRTUAL PERFORMANCE IN A SNOW AND ICE
ENVIRONMENT.0 FINAL REPORT.
68 00506 NAT U

SCARFILL, A. I
DEVELOPMENT AND APPLICATION OF COST
EFFECTIVENESS EVALUATION PROCEDURES TO
SHIPBOARD ELECTRONIC EQUIPMENT AND SYSTEMS.0
68 00653 NAT U

SCAVULLO, J. J. I
AN EXPLORATORY TEST OF DATA TRANSFER BY
VHF TO AIRCRAFT OVER THE OCEAN IN A
TROPOSPHERIC PROPAGATION ENVIRONMENT.0
INTERIM REPORT.
68 01185 R NAT U

SCHAEFER, M. J. I
A NOTE ON THE GALACTIC RADIATION
EXPOSURE IN GEOMAGNETICALLY UNPROTECTED
REGIONS OF SPACE.0
68 00932 NAT U

SCHAEFER, M. J. I
RADIATION MONITORING WITH NUCLEAR
EMULSIONS ON PROJECT GEMINI. RESULTS
ON THE 14-DAY MISSION GEMINI VII.0 PART II.
68 00934 NAT U

SCHAEFER, M. J. I
RADIATION MONITORING WITH NUCLEAR EMULSIONS
ON PROJECT GEMINI. THE FLUX OF GALACTIC HEAVY
PRIMARYS ON GEMINI VII.0 PART III.
68 00931 NAT U

SCHAEFER, M. J. I
ACCELERATED TESTING TECHNOLOGY.0 VOLUME I.
FINAL REPORT / FEBRUARY 1966 TO JULY 1967.
68 01065 NAT U

SCHAEFER, M. J. I
ACCELERATED TESTING TECHNOLOGY.0
VOLUME II, FINAL REPORT / FEBRUARY 1966 JULY
1967.
68 01067 NAT U

AUTHOR INDEX

SCHARF, P. B.]
THE MEASUREMENT OF THE EXHAUST COMPOSITION
OF SELECTED HELICOPTER ENGINES.#
68 00960 NAT U

SCHIFFER, L. L.]
DEVELOPMENT AND EXPERIMENTAL EVALUATION OF
A RETRIEVAL SYSTEM FOR AIRBORNE CONTROL
DISPLAY INFORMATION.#
68 00772 NAT U

SCHINDLINGER, S.]
THE STANDARD AND PHOTOGRAPHIC METHOD FOR
DETERMINING AIRPLANE BEHAVIOR AND PILOTING
TECHNIQUE DURING FIELD OR CARRIER LANDINGS.#
FINAL REPORT.
68 01211 NAT U

SCHMELT, A. C.]
THE EFFECT OF A FOREGROUND RIDGE
ON THE GAIN AND PATTERN OF AN
ANTENNA.#
68 00322 NAT U

SCHERHAG, R.]
STATISTICAL INVESTIGATIONS OF SOME
FORECAST RULES.#
68 00524 NAT U

SCHINDLER, L. H.]
AN EXPERIMENTAL SIMULATION OF GUST LOADING
OF SUPERSONIC VEHICLES.#
68 00516 NAT U

SCHINDLER, L. H.]
AN EVALUATION OF PROCEDURES FOR CALCULATING
AERODYNAMIC LOADS.# FINAL REPORT /MARCH TO
DECEMBER 1964/.
68 01331 NAT U

SCHIRK, M. P.]
DYNAMIC RESPONSE OF THE XC-142A TILT-WING
V/STOL AIRCRAFT TO IN-FLIGHT CARGO DELIVERY
AT SLOW SPEEDS.#
68 01252 NAT U

SCHLATTER, F. L.]
EVALUATION OF SEVERAL MULTI-TRANSMISSOMETER
SYSTEMS.# INTERIM REPORT.
68 00821 NAT U

SCHLEICHER, A. H.]
IMPLICATIONS OF THE GELLED STATE OF
MATTER FOR NAVAL APPLICATIONS.#
FINAL REPORT, FEBRUARY 1968.
68 00916 NAT U

SCHLEICHER, H. L.]
SANDWICH STRUCTURAL REPAIR
MANUAL.#
68 00271 NAT U

SCHMEISER, A.]
EFFECT OF LIGHTNING ON MAN.#
68 00463 NAT U

SCHMIDT, H. P.]
COST-BENEFIT ANALYSIS FOR ALL-WEATHER
LANDING SYSTEM /ANALYSIS/ CATEGORY II AND
III.# FINAL REPORT.
68 00071 NAT U

SCHNEIDER, J.]
TWO-DIMENSIONAL OVER AIRCRAFT SURFACE
MECHANICAL METHODS.#
68 01152 NAT U

SCHMITZ, G. J.]
JOINT AIR FORCE-NAVY OVERBOARD REPAIR
MISSION EVALUATIONS OF MATERIALS.#
68 01156 NAT U

SCHMITZ, F. J.]
THE PRINCIPLES OF THE THEORY OF
RESEARCH PROGRAMS.#
68 00003

SCHNEIDER, A. J.]
STUDY OF CONTACT FAILURE IN ELECTRICAL
CIRCUITS.#
68 00000 NAT U

SCHNEIDER, J. J.]
FEASIBILITY STUDY OF VOISE TRANSMISSION
SYSTEMS AND ASSOCIATED POWER TRANSMISSION
FOR COMPARISON WITH OTHER SYSTEMS.
68 00778

SCHOLEY, M. B.]
THEORY AND APPLICATION.# VOLUME I.
68 01123 NAT U

SCHON, G.]
THE ROLE OF THE FEDERAL GOVERNMENT IN
TECHNOLOGICAL FORECASTING.#
68 00987 NAT U

SCHOUTEN, T.]
EXPERIMENTAL FLIGHT INSTRUMENTS.#
68 00535 NAT U

SCHUBERT, D. W.]
RESEARCH ON ACTIVE VIBRATION ISOLATION
TECHNIQUES FOR AIRCRAFT PILOT PROTECTION.#
68 00584 NAT U

SCHULTER, C. L.]
A DISCUSSION ON RUBBER-BLADED SNOWPLOW
AND AERIAL SEEDING OF RUNWAYS.# MEMORANDUM
REPORT.
68 01365 R NAT U

SCHUM, H. J.]
DETAILED ANALYTICAL AND EXPERIMENTAL
INVESTIGATION OF STATOR PERFORMANCE.#
PART II.
68 00738 NAT U

SCHWARTZ, I. R.]
SECOND CONFERENCE ON SONIC BOOM RESEARCH,
WASHINGTON, D. C., MAY 4, 10, 1968.#
68 01614 NAT U

SCHWARTZ, J. W.]
NETWORK TIMING FOR COMMUNICATION
SATELLITES.#
68 00927 NAT U

SCHWARTZ, N.]
DESIGN MODERNIZATION OF ARCC POWER
DISTRIBUTION SYSTEM.# FINAL REPORT.
68 01314 R NAT U

- SCHWARTZ, F. J.
FLIGHT TESTS AND WIND-TUNNEL.# PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
68 01042 NAT U
- SCHWENK, M. J.
PROCEEDINGS OF THE AFML HYDRAULIC FLUIDS
CONFERENCE.#
68 01153 NAT U
- SCIENTIFIC-ATLANTA, INC., GA. J.
INVESTIGATION OF PRECISION ANTENNA PATTERN
RECURRING AND DISPLAY TECHNIQUES.# PHASE III.
68 01316 NAT U
- SCOHY, R. L. J.
TESTS ON WCEL VIDEOMETER IN FOG CHAMBER AT
UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA
U. S. A.# FINAL REPORT.
68 00517 NAT U
- SCOTT, B. L. J.
SURVEY OF COMPUTER-PROGRAM DOCUMENTATION
PRACTICES AT SEVEN FEDERAL GOVERNMENT
AGENCIES.#
68 00150 NAT U
- SCOTT, D. L., JUN. LDR. J.
THE TESTING OF AIRBORNE INERTIAL
NAVIGATION SYSTEMS.#
68 00463 NAT U
- SCOTT, F. M., III, CAPT. J.
RESOURCE MANAGEMENT SYSTEMS - MAINTENANCE
COST DISTRIBUTION CONCEPTS FOR MEANINGFUL
MANAGEMENT INFORMATION.#
68 00436 U
- SCOTT, G. S. J.
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
68 00542 NAT U
- SCOTT, G. S. J.
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
68 00543 NAT U
- SCOTT, G. S. J.
RESEARCH ON THE FLAMMABILITY CHARACTERISTIC
OF AIRCRAFT FUELS.#
68 00625 NAT U
- SCOTT, J. M. J.
TAILORING OF HIGH DENSITY POLYETHYLENE FOR
HIGH SPEED WIRE COATING.#
68 00040 NAT U
- SLOTT, P. P. J.
STUDIES OF TRAFFIC PACKING FOR
ESTIMATING MID-AIR COLLISION RISKS OVER THE
NORTH ATLANTIC.# TECHNICAL REPORT.
68 01512 NAT U
- SLUZZAPAVA, M. E. J.
HIT/PM BROADCAST INTERFERENCE STUDY.#
FINAL REPORT.
68 00517 R NAT U
- SEASHORE, C. R. J.
LOW FREQUENCY ELECTRIC FIELD
CHARACTERISTICS OF CLEAR AIR TURBULLENCE.#
68 00130 NAT U
- SECKEL, E. J.
LATERAL-DIRECTIONAL FLYING QUALITIES FOR
POWER APPROACH - INFLUENCE OF DUTCH ROLL
FREQUENCY.#
68 00336 NAT U
- SEED, A. R. J.
UNCOUPLED LONGITUDINAL STABILITY
AND CONTROL OF CIRCULATION CONTROLLED ROTOR
VARIABLE AIRCRAFT IN DIVER.#
68 01513 NAT U
- SEELY, E. W. J.
HORIZONTAL VLF TRANSMITTING ANTENNAS
NEAR THE EARTH.#
68 00174 NAT U
- SEIBER, D. J.
THE ROLE OF THE FEDERAL GOVERNMENT IN
TECHNOLOGICAL FORECASTING.# SUMMARY REPORT.
69 00986 NAT U
- SEIDEL, E. J.
DEVELOPMENT OF A HAZARDOUS VAPOR
DETECTION SYSTEM FOR ADVANCED AIRCRAFT.#
68 00497 NAT U
- SEIREL, G. R. J.
RADIO-FREQUENCY INDUCTION HEATING OF
LOW-PRESSURE PLASMAS.#
64 00168 NAT U
- SEINFELD, R. D. J.
MISSION CONTROL FUEL MANAGEMENT TECHNIQUES
FOR AIRCRAFT.#
68 00437 U
- SEIPER, J. M., PH.D., M.D. J.
THE BIOPHYSICAL BASIS AND CLINICAL
APPLICATIONS OF RHOENCEPHALOGRAPHY.#
68 01242 R NAT U
- SELF, M. C., PH.D. J.
TARGET DETECTION ON SIDE-LOOKING RADAR
WHEN IMAGE MOTION CAN BE TEMPORARILY
DELAYED.# FINAL REPORT / JANUARY 1966 TO
NOVEMBER 1966.
68 01101 NAT U
- SELIG, E. T. J.
ANALYSIS OF FIELD TESTS ON SUBGRADE SOILS.#
68 00503 NAT U
- SELIG, E. T. J.
INTRODUCTION AND RESULTS OF INITIAL
PHASES.#
68 00507 NAT U
- SELIG, E. T. J.
FIELD TEST APPARATUS AND PROCEDURES.#
68 00508 NAT U
- SELLS, C. C. L. J.
PLANE SUBCRITICAL FLOW PAST A LIFTING
AEROFUILL.# TECHNICAL REPORT.
68 01393 NAT U

- SILVER, F. F.]
POL COST-ESTIMATING RELATIONSHIPS.#
68 00444 NAT U
- SMPLER, C. A.]
EFFECTS OF FAILURE TYPE, FAILURE ALTITUDE
AND AN EXPERIMENTAL PITCH TRIM AUGMENTATION
UPON MANDATORY GO-AROUND PERFORMANCE.#
PHASE IV, FINAL REPORT.
68 01180 R NAT U
- SMPLER, C. A.]
SUMMARY OF ALL WEATHER LANDING SIMULATION
STUDIES.# FINAL REPORT.
68 01360 R NAT U
- SMPLER, C. A.]
EFFECTS OF A 100-FOOT OPTION ALTITUDE
RULE AND AN ANNUNCIATOR PANEL ON FAILURE
DETECTION, GO-AROUND DECISIONS AND LANDING
PERFORMANCE.# PHASE III, FINAL REPORT.
68 01361 R NAT U
- SERENDIPITY ASSOCIATES, CHATSWORTH, CALIF.]
A DESCRIPTIVE MODEL FOR DETERMINING
OPTIMAL HUMAN PERFORMANCE IN SYSTEMS #
VOLUME IV, FINAL SUMMARY REPORT.
58 00210 NAT U
- SERNIUK, W.]
VALUE ENGINEERING-FINAL REPORT FOR LIGHT
OBSERVATION HELICOPTER AVIONICS PACKAGE.#
FINAL REPORT /21 JANUARY 1966 TO 21 JANUARY
1968/.
68 01043 NAT U
- SESSLER, J. G.]
AEROSPACE STRUCTURAL METALS HANDBOOK.#
VOLUME II.
68 00339 NAT U
- SESSLER, J. G.]
AEROSPACE STRUCTURAL METALS HANDBOOK.#
VOLUME I.
68 00340 NAT U
- SESSLER, J. G.]
AEROSPACE STRUCTURAL METALS HANDBOOK.#
68 00368 NAT U
- SESSLER, J. G.]
AEROSPACE STRUCTURAL METALS HANDBOOK.#
68 00369 NAT U
- SESSLER, J. G.]
AEROSPACE STRUCTURAL METALS HANDBOOK.#
68 00370 NAT U
- SESSLER, J. G.]
AEROSPACE STRUCTURAL METALS HANDBOOK.#
68 00371 NAT U
- SFTG, E. I.]
CATEGORY II PERFORMANCE TEST ON THE CH-3C
HELICOPTER.# FINAL REPORT.
68 01176 NAT U
- SLUBENT, J. L.]
CONTROL DIKOS ON AND AROUND AIRPORTS.#
INTERIM REPORT.
68 00184 NAT U
- SMELL, R. T.]
LOW ALTITUDE FLIGHT LOAD SPECTRA FOR LIGHT
AIRCRAFT.#
68 01389 NAT U
- SHAKAR, R. H.]
FUEL CELL FUEL STUDIES.#
68 00460 NAT U
- SHANK, R. F.]
LANDING GEAR AND DRAG CHUTE SYSTEMS
XB-70A.# SUMMARY TEST REPORT.
68 00442 NAT U
- SHANK, R. J.]
AIR TRAFFIC CONTROL EVOLUTION.# REPRINTED
FROM ASTRONAUTICS AND AERONAUTICS, AUGUST
1964.#
68 00716 R NAT U
- SHARKOFF, E. G.]
THE PRINCETON PENNSYLVANIA ARMY AVIONICS
RESEARCH PROGRAM.#
68 00503 NAT U
- SHARP, D. L.]
SAGGS/AUTODIN/TELETYPE INTERFACE /SATIN/
STUDY.#
68 00548 NAT U
- SHCHERBAK, Y. S.]
A THIN PROFILE OF A SUPERSONIC WING WITH
MINIMUM AVERAGE HEAT TRANSFER COEFFICIENT AT
GIVEN AERODYNAMIC CHARACTERISTICS.#
TRANSLATION FROM RUSSIAN.
68 00085 NAT U
- SHEFFIELD, C.]
ON THE DETECTION AND PREDICTION OF MID-AIR
CONFLICTS.#
68 00621 NAT U
- SHERILL, J. C.]
CATALOGUE OF TRANSPORTATION PLANNING
SYSTEMS.#
68 00107 NAT U
- SHESTAG, L. M.]
TACAN ANTENNA TECHNIQUES.# FINAL
REPORT /7 DECEMBER 1965 TO DECEMBER 1966/.
68 00901 NAT U
- SHINN, B. J.]
ADVANCED AUTOMATIC FLIGHT CONTROL SYSTEM
STUDY.# FINAL REPORT.
68 00546 NAT U
- SHIRLEY, J. M.]
AN INVESTIGATION AND DEVELOPMENT OF
AN RND-4 QUICK RECOVERY MODIFICATION.#
FINAL REPORT.
68 00182 R NAT U
- SHMEYDERMAN, A. L.]
COMPUTATIONS OF ELASTIC TENSOMETRIC
ELEMENTS.#
68 00685 NAT U
- SHROUT, S. L.]
EFFECT OF SHAPE CHANGES ON THE
AERODYNAMIC CHARACTERISTICS OF A TWISTED AND
CAMBERED ARROW WING AT MACH NUMBER 2.03.#
68 01502 NAT U

- SHULEMOVICH, A. M.]
COMPUTATIONS OF ELASTIC TENSOMETRIC
ELEMENTS.#
68 00685 NAT U
- SHUM, G. N.]
A MULTICHANNEL AIRBORNE CODING CONVERTER.#
68 00596 NAT U
- SHYPRYNICH, P.]
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL SURFACE CONFIGURATIONS IN
SUBSONIC FLOW.-THEORETICAL DEVELOPMENT.#
PART 1, FINAL REPORT/JUNE 1966 TO SEPTEMBER
1967.#
68 01112 NAT U
- SHYPRYNICH, P.]
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL SURFACE CONFIGURATIONS IN
SUBSONIC FLOW.# PART 22, DIGITAL COMPUTER
PROGRAM. FINAL REPORT /JUNE 1966 TO SEPTEMBER
1967.#
68 01035 NAT U
- SIDOUN, T. E.]
THE SHOCK EXPANSION TUBE AND ITS
APPLICATION AS A SONIC BOOM SIMULATOR.#
68 01423 NAT U
- SIGHE, P. V., R. D.]
TIME ZONE EFFECTS.#
68 00633 NAT U
- SIEGEL, P. V., M. D.]
A RETROSPECTIVE ANALYSIS OF AEROMEDICAL
CERTIFICATION DENIAL ACTIONS.# JANUARY 1961 -
DECEMBER 1967.
68 01474 R NAT U
- SIGNETICS CORP., SUNNYVALE, CALIF.]
FINAL DEVELOPMENT REPORT FOR ECONOMICAL
FLAT PACKAGE FOR INTEGRATED CIRCUITS.#
68 00277 NAT U
- SIMONELLI, R. A.]
REFRACTORY-METAL-FIBER-NICKEL-BASE-ALLOY
COMPOSITES FOR USE AT HIGH TEMPERATURES.#
68 01426 NAT U
- SILSBY, N. S.]
A SIMULATOR STUDY OF A PICTORIAL NAVIGATION
DISPLAY IN INSTRUMENT DEPARTURES OF THE
SUPERSONIC TRANSPORT.#
68 00480 NAT U
- SILSBY, N. S.]
SIMULATION STUDIES OF THE SUPERSONIC
TRANSPORT IN THE PRESENT-DAY AIR TRAFFIC
CONTROL SYSTEM.#
68 01271 NAT U
- SILVER, J.]
POPULATION, ECONOMIC, AND LAND USE STUDIES
IN URBAN TRANSPORTATION PLANNING.#
A DISCUSSION OF CURRENT PRACTICE.
68 00497 NAT U
- SIMENZ, K. F.]
FRACTURE TOUGHNESS AND CRACK PROPAGATION OF
300 M STEEL.# TECHNICAL REPORT.
68 01467 NAT U
- SIMENUTH, J. W.]
A SUB APPROACH BEACON.#
68 00197 NAT U
- SIMPSON, H. R., SON. LDR.]
DETERMINATION OF SATELLITE ROTATION
PARAMETERS FROM OBSERVATIONS OF SPECULAR
REFLECTION TIMING.#
68 00411 U
- SIMPSON, R. B.]
WEATHER CONDITIONS AFFECTING VTOL
AIRBUS OPERATIONS IN THE NORTHEAST CORRIDOR.#
68 00666 NAT U
- SINACUP, J. B.]
V/STOL GROUND-BASED SIMULATION TECHNIQUES.#
68 00670 NAT U
- SINCEBUX, G. T.]
MULOGRAPHIC HEAD-UP DISPLAY.# PHASE 1.
68 00530 NAT U
- SIPPLE, W. C.]
A TECHNIQUE FOR DETERMINING AN
INDEX OF VISUAL ALERTNESS FROM THE
ELECTROENCEPHALOGRAM.# PHASE REPORT.
68 00963 NAT U
- SIPPLE, W. C.]
A QUANTITATIVE IMPEDANCE PNEUMOGRAPH.#
PHASE REPORT.
68 00965 NAT U
- SIPPLE, W. C.]
A PERSONAL EXAM HETERODYNE SYSTEM.#
PHASE REPORT.
68 00967 NAT U
- SKAHILL, G. E.]
REFLECTOR ANTENNA ZOOM TECHNIQUES.#
68 00008 NAT U
- SKARVAN, C. A.]
INVESTIGATION OF COORDINATED FREE TURBINE
ENGINE CONTROL SYSTEMS FOR MULTIENGINE
HELICOPTERS.# FINAL REPORT.
68 01057 NAT U
- SHELTON, G. E.]
EVALUATION OF A PICTORIAL TURN AND BANK
INDICATOR.#
68 01471 R NAT U
- SKINNER, R. M.]
PROCEDURE TURN COMPLETION DISTANCE.#
PROJECT REPORT.
68 01244 R NAT U
- SHLYANSKIY, F. I.]
CONTROL OF SUPERSONIC AIRCRAFT.#
68 00875 NAT U
- SKOLNIK, M. I.]
LARGE ANTENNA SYSTEMS.#
68 00722 NAT U
- SHRIPNICHENKO, S. Y.]
TRIM CHARACTERISTICS OF SUPERSONIC
AIRCRAFT.# TRANSLATION FROM RUSSIAN.
68 00329 NAT U

SLUPNIENSKI, W. Z.
APPLICATION OF OPTIMIZATION TECHNIQUES TO
THE DESIGN AND OPERATION OF V/STOL AIRCRAFT.#
68 0077. NAT U

SLIVING, P. L.
SOLID-STATE SWITCH DEVELOPMENT.# FINAL
REPORT.
68 00172. NAT U

SLIMERS, I. C.
PARAMETRIC FATIGUE ANALYSIS OF
USAF AIRCRAFT.#
68 00192. NAT U

SLUGIMARKOV, V. M.
TESTS ON AEC VIDEO METER IN FOG CHAMBER AT
UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA
U. S. A.# FINAL REPORT.
68 00518. NAT U

SLUKA, A.
ATC CONCEPTS FOR SUPERSONIC VEHICLES.#
PART II-2. INTERIM REPORT.
68 00181. R NAT U

SLUSHER, G. P.
RECIPROCATING ENGINE AND EXHAUST VIBRATION
AND TEMPERATURE LEVELS IN GENERAL AVIATION
AIRCRAFT.# FINAL REPORT.
68 01364. R NAT U

SMAGLIASSI, A.
COMPUTER ENTRY AND READOUT EQUIPMENT
/CEET/# FINAL REPORT.
68 01420. R NAT U

SMEDFELD, J. C.
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL SURFACE CONFIGURATIONS IN
SUBSONIC FLOW.-THEORETICAL DEVELOPMENT.#
PART I. FINAL REPORT/JUNE 1966 TO SEPTEMBER
1967.#
68 01332. NAT U

SMEDFELD, J. C.
UNSTEADY AERODYNAMIC FORCES FOR GENERAL
WING/CONTROL SURFACE CONFIGURATIONS IN
SUBSONIC FLOW.# PART 2, DIGITAL COMPUTER
PROGRAM. FINAL REPORT /JUNE 1966 TO SEPTEMBER
1967.#
68 01333. NAT U

SMITH /WILBUR, AND ASSOCIATES, NEW HAVEN, I
EVALUATION OF BUS TRANSIT DEMAND IN
MIDDLE SIZED URBAN AREAS.# PHASE I. FINAL
REPORT.
68 01001. NAT U

SMITH INDUSTRIES, LTD. AVIATION DIV., WEMBLEY, I
MIDDLESEX, ENGLAND.
AUTOLANDING - A REVIEW OF PROGRESS TOWARDS
TWO-WEATHER MINIMUM OPERATIONS.#
68 01241. NAT U

SMITH, A. F.
THE AEROELASTIC BEHAVIOR OF ROTARY WINGS
IN FORWARD FLIGHT.# FINAL REPORT,
VOLUME I - ANALYSIS.
68 00714. NAT U

SMITH, C. C.
COST EFFECTIVENESS METHODOLOGY. PART I,
GUIDELINES FOR SYSTEM LIFE CYCLE COSTS.#
FINAL REPORT.
68 01491. NAT U

SMITH, C. C.
COST EFFECTIVENESS METHODOLOGY. PART II,
APPLICATION OF MARKOV CHAIN MODELS
TO DETERMINATION OF WAR STATE PROBABILITIES.#
FINAL REPORT.
68 01492. NAT U

SMITH, C. C.
COST EFFECTIVENESS METHODOLOGY. PART III,
APPLICATION OF WEISS STATISTICAL DECISION
THEORY TO COST EFFECTIVENESS DETERMINATION.#
FINAL REPORT.
68 01493. NAT U

SMITH, C. C., JR.
HOT-WAS INGESTION INVESTIGATION OF LARGE
SCALE JET FIGHTER-TYPE MODELS.#
68 01271. NAT U

SMITH, C. P.
PRELIMINARY RESULTS OF THERMAL SHOCK
TESTS ON PRINTED WIRING.#
68 00074. NAT U

SMITH, D. J. L.
INVESTIGATION ON AN EXPERIMENTAL
SINGLE-STAGE TURBINE OF CONSERVATION DESIGN.
PART III, COMPARISON BETWEEN TEST PERFORMANCE
AND COMPUTER PREDICTIONS USING A
THROUGH-FLOW ANALYSIS.# TECHNICAL REPORT.
68 01393. NAT U

SMITH, D. W.
NAVIGATOR PERFORMANCE STUDIES FOR SPACE
NAVIGATION USING THE NASA CV-990 RESEARCH
AIRCRAFT.#
68 01087. NAT U

SMITH, E. B.
STUDY AND TESTS TO REDUCE COMPRESSOR SOUNDS
OF JET AIRCRAFT.# TECHNICAL REPORT.
68 00632. NAT U

SMITH, E. G.
INVESTIGATIONS OF A VARIABLE AREA SCROLL
FOR POWER TRANSFER IN TIP TURBINE LIFT FAN
SYSTEMS.# FINAL REPORT /JUNE 1964 TO
DECEMBER 1966/#
68 01128. NAT U

SMITH, G. L.
THEORETICAL ERROR ANALYSIS OF A
DOPPLER RANGE-RATE AND PHASE-MODULATED
RANGE TRACKING SYSTEM.#
68 00307. NAT U

SMITH, G. V. F.
THE EFFECT OF COMBINED BOUNDARY-LAYER
SUCTION AND BASED BLEED ON THE DRAG OF A 10
DEGREE CONE AT M=2.58.# TECHNICAL REPORT.
68 01399. NAT U

SMITH, H. R.
LANDING GEAR AND DRAG CHUTE SYSTEMS
XB-70A.# SUMMARY TEST REPORT.
68 00442. NAT U

AUTHOR INDEX

04/01* 1

- SMITH, I. D. R. I
ENVIRONMENTAL NOISE TEMPERATURE AT 50 CM. #
68 01301 NAT U
- SMITH, J. W. I
AN ANALYSIS OF THE LIMIT-CYCLE AND
STRUCTURAL-RESONANCE CHARACTERISTICS OF THE
X-15 STABILITY AUGMENTATION SYSTEM. #
68 00304 NAT U
- SMITH, M. I. I
COST-BENEFIT ANALYSIS FOR ALL-WEATHER
LANDING SYSTEM /AWLS/ CATEGORY II AND
III. # FINAL REPORT.
68 00071 NAT U
- SMITH, M. R. I
EVALUATION OF THE PIPER PA-25B AGRICULTURAL
AIRCRAFT. #
68 01142 R NAT U
- SMITH, M. R. I
DEVELOPMENT OF AN ENGINE-POWERED LIQUID
DISPERSAL SYSTEM FOR AGRICULTURAL AIRCRAFT. #
68 01193 R NAT U
- SMITH, M. R. I
EVALUATION OF THE LALLAIR A-9 AGRICULTURAL
AIRCRAFT. # TECHNICAL REPORT.
68 01194 R NAT U
- SMITH, M. R. I
EVALUATION OF THE SNOW S-2C AGRICULTURAL
AIRCRAFT. # FINAL TECHNICAL REPORT.
68 01195 R NAT U
- SMITH, M. R. I
EVALUATION OF THE GRUMMAN AG-CAT AGRICULTURAL
AIRCRAFT. # FINAL TECHNICAL REPORT.
68 01196 R NAT U
- SMITH, R. E. I
ACCURATE MEASUREMENT OF AIRFLOW RATE
DURING TESTS OF AIR-BREATHING PROPULSION
SYSTEMS. #
68 00615 NAT U
- SMITH, R. E. I
APPLICATION OF LINEAR OPTIMAL THEORY TO
CONTROL OF FLEXIBLE AIRCRAFT RIDE QUALITIES. #
68 00673 NAT U
- SMITH, R. F. I
EXERTIONAL RHABDOMYOLYSIS IN NAVAL AVIATION
OFFICER CANDIDATES. #
68 00948 NAT U
- SMITH, R. J., LCDR I
VECTROCARDIOGRAPHIC CHANGES DURING
INTRACORONARY INJECTIONS. #
68 00938 NAT U
- SMITH, R. L. I
DEVELOPMENT AND TEST OF A TECHNIQUE FOR
ESTABLISHING PERSONNEL PERFORMANCE STANDARDS
/TEPPS/. # PHASE IV. FINAL REPORT.
68 00732 NAT U
- SMITH, R. N. I
ASSURING RELIABILITY IN JET FUEL
CONTROLS. #
68 00425 U
- SMITH, S. R. I
THE ECONOMIC FEASIBILITY OF PASSENGER
HYDROFOIL CRAFT IN U. S. DOMESTIC AND
FOREIGN COMMERCE. #
68 01276 NAT U
- SMITHERMAN, M. L. I
ARMY PARTICIPATION IN PROJECT
VANGUARD. #
68 00033 NAT U
- SMITHKICK, J. J. I
EFFECTS OF CABLE AND CIRCUIT PARAMETERS ON
THE PRECISION CALIBRATION OF A CHARGE
AMPLIFIER. #
68 00755 NAT U
- SMITHSONIAN INSTITUTION, (DEPT. OF ECOLOGY,)
WASHINGTON, D. C. I
GAT COLLISIONS WITH HIGH PERFORMANCE
AIRCRAFT. #
68 00522 NAT U
- SMULSKII, B. M. I
HEAT AND MASS TRANSFER. # VOLUME I.
68 00298 NAT U
- SNEDEKER, R. S. I
A STUDY OF THE MEAN AND TURBULENT STRUCTURE
OF A FREE JET AND JET IMPINGEMENT HEAT
TRANSFER. #
68 00560 NAT U
- SNIDL, J. U. I
DEVELOPMENT AND EXPERIMENTAL EVALUATION OF
A RETRIEVAL SYSTEM FOR AIRFORCE CONTROL-
DISPLAY INFORMATION. #
68 00772 NAT U
- SNOW, C. C. I
IMPACT INJURIES IN PREGNANCY. EXPERIMENTAL
STUDIES. # NUMBER 1.
68 01475 R NAT U
- SNYDER, C. T. I
ANALOG STUDY OF THE LONGITUDINAL RESPONSE
OF A SWEEP-WING TRANSPORT AIRPLANE TO WIND
SHEAR AND SUSTAINED GUSTS DURING LANDING
APPROACH. #
68 00627 NAT U
- SNYDER, C. T. I
A PILOTED SIMULATOR STUDY OF TAKEOFF
PERFORMANCE AND HANDLING QUALITIES OF A
DOUBLE-DELTA SUPERSONIC TRANSPORT. #
68 00667 NAT U
- SNYDER, R. G., PH.D. I
IMPACT INJURIES IN PREGNANCY. EXPERIMENTAL
STUDIES. # NUMBER 1.
68 01475 R NAT U
- SNYDER, W. J. I
A SUMMARY OF ROTOR-HUB BENDING MOMENTS
ENCOUNTERED BY A HIGH-PERFORMANCE HINGELESS-
ROTOR HELICOPTER DURING NAP-OF-THE-EARTH
MANEUVERS. #
68 01434 NAT U
- SODOLINSKI, R. S. I
MISSION CONTROL FUEL MANAGEMENT TECHNIQUES
FOR AIRCRAFT. #
68 00437 U

- SOCIETY OF AUTOMOTIVE ENGINEERS, INC., NEW YORK. |
TECHNIQUE FOR DEVELOPING NOISE EXPOSURE
FORECASTS FOR J. F. KENNEDY
INTERNATIONAL AIRPORT.#
68 00186 NAT U
- SULAND, R. M. |
A RENEWAL THEORETIC APPROACH TO THE
ESTIMATION OF FUTURE DEMAND FOR REPLACEMENT
PARTS.#
68 00795 NAT U
- SUMMER, R. M. |
FLIGHT INVESTIGATION TO DETERMINE THE EFFECT
OF LONGITUDINAL CHARACTERISTICS ON LOW-SPEED
INSTRUMENT OPERATION.#
68 00628 NAT U
- SUMMER, R. M. |
EVALUATION OF A CLOSED-CIRCUIT TELEVISION
DISPLAY IN LANDING OPERATIONS WITH A
HELICOPTER.#
68 00757 NAT U
- SUNNEBURN, W. G. U. |
A STUDY OF THE VALIDITY OF GROUND-BASED
SIMULATION TECHNIQUES FOR THE UH-1B
HELICOPTER.# FINAL TECHNICAL REPORT.
68 01126 NAT U
- SUUCY, C. I. |
AEROSPACE-SYSTEM APPLICATIONS OF
RELIABILITY TECHNOLOGY DERIVED FROM THE
ELECTRONICS FIELD.# PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-26, 1964.
68 01050 NAT U
- SOUTHAMPTON, UNIV., ENGLAND INST. OF SOUND |
AND VIBRATION RESEARCH. |
FINITE ELEMENT VIBRATION ANALYSIS OF
CRACKED PLATES IN TENSION.#
68 01310 NAT U
- SOUTHAMPTON, UNIV., ENGLAND INST. OF SOUND |
AND VIBRATION RESEARCH. |
LUNMECH COLLOQUIUM OF THE STRUCTURE OF
TURBULENCE, MARCH 29-31, 1967.# SUMMARIES
OF PAPERS.
68 01505 NAT U
- SOUTHAMPTON, UNIV., ENGLAND.
BOUNDARY LAYER PRESSURE FLUCTUATIONS
AND STRUCTURAL RESPONSE.#
68 00342 NAT U
- SOUTHAMPTON, UNIV., ENGLAND.
THE RESPONSE OF SIMPLE PANELS TO
TURBULENT BOUNDARY LAYER EXCITATION.#
68 00383 NAT U
- SOUTHAMPTON, UNIV., ENGLAND INST. OF SOUND AND |
VIBRATION RESEARCH. |
STRESSES IN SKIN PANELS SUBJECTED TO
RANDOM ACOUSTIC LOADING.#
68 00126 NAT U
- SOUTHWEST CENTER FOR ADVANCED STUDIES, DALLAS. |
INFLUENCE OF PARTICLE SIZE DISTRIBUTION
ON REFLECTED AND TRANSMITTED LIGHT FROM
CLOUDS.#
68 00250 NAT U
- SOUTHWEST RESEARCH INST., SAN ANTONIO. |
JET FUEL STABILITY AND EFFECT OF FUEL-SYSTEM
MATERIALS.#
68 00616 NAT U
- SOUTHWEST RESEARCH INST., SAN ANTONIO. |
DEVELOPMENT OF A MICRO LUBRICANT DEPOSIT
TEST.#
68 00623 NAT U
- SOUTHWEST RESEARCH INST., SAN ANTONIO. |
TECHNOLOGY APPRAISAL-EXPERIMENTAL DATA AND
METHODOLOGY.# VOLUME III.
68 00299 NAT U
- SUVEY, R. J. |
RADIO-FREQUENCY INDUCTION HEATING OF
LOW-PRESSURE PLASMAS.#
68 00168 NAT U
- SOWA, D. F. |
MOUNTAIN WAVE EXPOSURE ON JET ROUTES
OF NORTHWEST AIRLINES AND UNITED AIR
LINES.#
68 00392 NAT U
- SOWA, G. |
TRANSPORTATION OF TRANSOCEANIC CARGO.#
A DESIGN FOR RESEARCH.
68 00540 NAT U
- SOWA, G. |
TRANSPORTATION OF TRANSOCEANIC CARGO - A
DESIGN FOR RESEARCH.#
68 01285 NAT U
- SPANGLER, R. M. |
FLIGHT SIMULATION STUDY OF AIR-TO-AIR
RANGING DISPLAYS FOR SEPARATION ASSURANCE.#
INTERIM REPORT.
68 00567 R NAT U
- SPAVINS, C. S. |
TURBULENCE IN CLEAR AIR NEAR
THUNDERSTORMS.#
68 00663 NAT U
- SPEARS, M. F. |
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR OMEGA.#
68 01199 R NAT U
- SPEARS, M. F. |
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR
OMEGA.# VOLUME I, FINAL REPORT.
68 01355 R NAT U
- SPEAS, R. U. |
COST-BENEFIT ANALYSIS FOR ALL-WEATHER
LANDING SYSTEM (AWLS) CATEGORY II AND
III.# FINAL REPORT.
68 00071 NAT U
- SPENCER, D. L. |
MILITARY TRANSFER OF TECHNOLOGY.#
68 00386 NAT U
- SPERRY MICROWAVE ELECTRONICS CO., CLEARWATER, |
FLA. |
REAL TIME DIGITAL PHASE SHIFTERS UTILIZING
4-PORT SINGLE-JUNCTION LATCHING CIRCULATORS.#
68 00012 NAT U

SPERRY RAND CORP. SPERRY GYROSCOPE DIV., GREAT
NECK, N. Y. 1
JET-FLIGHT EVALUATION OF INERTIAL
NAVIGATION OPERATIONS.0 VOLUME I, FINAL
REPORT.
68 01348 R NAT U

SPERRY RAND CORP. SPERRY RAND RESEARCH CENTER, 1
SUDBURY, MASS. 1
INTEGRATED SOLID STATE TIME DELAY
AMPLIFIER.0
68 00011 NAT U

SPERRY RAND CORP. UNIVAC DIV., ST. PAUL. 1
NEW YORK COMMON IFR ROOM LIFRR BEACON
DIGITAL SUBSYSTEM INTERFACE REQUIREMENTS.0
68 01452 NAT U

SPERRY RAND CORP. UNIVAC DIV., ST. PAUL. 1
NEW YORK COMMON IFR ROOM CIFRR RADAR VIDEO
SUBSYSTEM INTERFACE REQUIREMENTS.0
68 01453 NAT U

SPERRY RAND RESEARCH CENTER, SUDBURY, MASS. 1
CONTOUR DESCRIPTOR PROPERTIES OF
VISUAL SHAPE.0
68 00324 NAT U

SPERRY RAND RESEARCH CENTER, SUDBURY, MASS. 1
INTEGRATED SOLID STATE TIME DELAY
AMPLIFIER.0
68 0111 NAT U

SPERRY, W. G. 1
AIRCRAFT NOISE EVALUATION.0
68 01470 R NAT U

SPEZIA, E. 1
UNITED STATES ARMY HELICOPTER ACCIDENTS
INVOLVING FIRE.0
68 00159 NAT U

SPICER, B. R. 1
TE-18 STUDY OF AIRCRAFT POSITION FIXING
USING THE NAVY NAVIGATIONAL SATELLITE SYSTEM.0
68 00731 NAT U

SPINGLER, G. E. 1
ANALYSIS OF SIDE-LOBE SUPPRESSION
CAPABILITIES AT JOINT-USE RADAR BEACON
SITES.0 FINAL REPORT.
68 00077 R NAT U

SPINNER, L. N. 1
ADVANCED SCANNING BEAM GUIDANCE SYSTEM
FOR ALL WEATHER LANDING.0
68 00537 R NAT U

SPREEMANN, K. P. 1
WIND-TUNNEL INVESTIGATION OF LATERAL
AERODYNAMIC CHARACTERISTICS OF A POWERED
FLOOR-DUCT-PROPELLER VTOL MODEL IN
TRANSITION.0
68 00764 NAT U

SPROWLS, D. O. 1
MECHANICAL PROPERTIES, INCLUDING FRACTURE
TOUGHNESS AND FATIGUE, AND RESISTANCE TO
STRESS CORROSION CRACKING, OF STRESS-RELIEVED
STRETCHED ALUMINUM ALLOY EXTRUSIONS.0
FINAL REPORT /MARCH 1966 TO JANUARY 1968/.
68 01076 NAT U

SPURK, M. G. 1
THE QUEST FOR MECHANICAL RELIABILITY IN
AIRCRAFT.0 PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, AUGUST 24-28, 1964.
68 01043 NAT U

SQUIRES, R. O. 1
A TECHNIQUE FOR DETERMINING AN
INDEX OF VISUAL ALERTNESS FROM THE
ELECTROENCEPHALOGRAPH.0 PHASE REPORT.
68 00963 NAT U

SQUIRES, R. O. 1
A QUANTITATIVE IMPEDANCE PNEUMOGRAPH.0
PHASE REPORT.
68 00965 NAT U

SQUIRES, R. O. 1
A PERSONAL FM/FM BIOTELEMETRY SYSTEM.0
PHASE REPORT.
68 00967 NAT U

SQUIRES, R. O., MD. 1
FURTHER OBSERVATIONS ON CHRONIC DEFICITS
OF TEMPERATURE REGULATIONS PRODUCED IN CATS
BY PNEUMIC LESIONS.0
68 00968 NAT U

STAHLING, D. M. 1
INVESTIGATION AND DEVELOPMENT OF
MODIFICATIONS TO RESOLVE AIRBORNE/GROUND
GLIDEPATH TRACKING PROBLEMS.0
68 00482 NAT U

STAHLER, Y. E. 1
DIRECTIONAL NON-ORIENTED REFLECTORS AS
PASSIVE SATELLITES IN LONG DISTANCE
COMMUNICATIONS.0 PRESENTED AT THE NATIONAL
ARS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
68 01028 NAT U

STAMMANN, J. R. 1
EXPERIMENTAL STUDY OF TRIGGERED
NATURAL LIGHTNING DISCHARGES.0 FINAL
REPORT.
68 00072 NAT U

STAINBACK, P. C. 1
AERODYNAMIC HEATING IN THE VICINITY OF
CORNERS AT HYPERSONIC SPEEDS.0
68 00097 NAT U

STALLARD, R. 1
INTERFEROMETRIC MONITORING OF AUTOMATIC
LANDING USING THE AIRCRAFT RADIO ALTIMETER AS
THE TRANSMITTING SOURCE.0
68 01309 NAT U

STAMPLEN, L. 1
INTEGRATED CIRCUIT AND MESSAGE SWITCH.0
68 00013 NAT U

STAMMEN, M. M. 1
THEORY AND APPLICATION.0 VOLUME I.
68 01123 NAT U

STANFORD RESEARCH INST., MENLO PARK, CALIF. 1
FORECASTING CLEAR-AIR TURBULENCE BY
COMPUTER TECHNIQUES.0
68 00433 U

AUTHOR INDEX

04/730 1

STANFORD RESEARCH INST., MENLO PARK, CALIF. |
U. S. PASSENGER TRANSPORTATION - AN
INVENTORY OF RESOURCES AND AN ANALYSIS OF
CAPABILITIES OF SURFACE MODES.#
68 00646 NAT U

STANFORD RESEARCH INST., MENLO PARK, CALIF. |
DEVELOPMENT OF NONDESTRUCTIVE TESTS FOR
STRUCTURAL ADHESIVE BONDS.#
TECHNICAL REPORT.
68 00899 NAT U

STANFORD RESEARCH INST., MENLO PARK, CALIF. |
STARTLE REACTIONS OF PEOPLE TO SONIC
BOOMS.#
68 00911 NAT U

STANFORD RESEARCH INST., MENLO PARK, CALIF. |
EXPERIMENTAL DEVELOPMENT OF DYNAMIC
STATIC DISCHARGER SYSTEM FOR LARGE JET
AIRCRAFT.# TECHNICAL FINAL REPORT /JULY
1966 TO AUGUST 1967/.
68 01147 NAT U

STANFORD RESEARCH INST., MENLO PARK, CALIF. |
THE ECONOMIC FEASIBILITY OF PASSENGER
HYDROFOIL CRAFT IN U. S. DOMESTIC AND
FOREIGN COMMERCE.#
68 01276 NAT U

STANFORD RESEARCH INST., MENLO PARK, CALIF. |
OBJECTIVE ANALYSIS AND FORECASTING OF
CLEAR-AIR TURBULENCE.# FINAL REPORT.
68 01290 NAT U

STANFORD RESEARCH INST., MENLO PARK, CALIF. |
COMPARISONS BETWEEN SUBJECTIVE RATINGS ON
AIRCRAFT NOISE AND VARIOUS OBJECTIVE MEASURES
.#
68 01346 R NAT U

STANFORD RESEARCH INST., MENLO PARK, CALIF. |
A PRELIMINARY STUDY OF THE AWAKENING AND
STARTLE EFFECTS OF SIMULATED SONIC BOOMS.#
68 01415 NAT U

STANFORD UNIV., CALIF. CENTER FOR SYSTEMS |
RESEARCH. |
ADAPTIVE ANTENNA SYSTEMS.#
68 00812 NAT U

STANFORD UNIV., CALIF. ELECTRONICS LAB. |
A MINIMAL CAPACITOR CASCADE SYNTHESIS
FOR INTEGRATED CIRCUITS.#
68 00344 NAT U

STANFORD UNIV., CALIF. STANFORD ELECTRONICS |
LABS. |
PSEUDORANDOM FREQUENCY MODULATION IN
RANGE-DOPPLER RADAR.# TECHNICAL SCIENTIFIC
REPORT.
68 01191 NAT U

STANSFIELD, F. V. |
LOCALISEN GUIDANCE CHARACTERISTICS
FOR VARYING TRANSMITTER POSITIONS AND
TRANSMITTED PULSE LENGTHS IN CORRELATION
PROTECTED T.E.L.L.#
68 01511 NAT U

STARR, G. A. |
FULL SCALE GROUND PROXIMITY INVESTIGATION
OF A VEE FIGHTER MODEL AIRCRAFT.#
68 01762 NAT U

STARR, G. A. |
BASIC SHAPES FOR AEROSPACE STRUCTURES.#
PHASE II SUPPLEMENT. UTILIZATION POTENTIAL.
68 00016 NAT U

STARR, G. A. |
BASIC SHAPES FOR AEROSPACE STRUCTURES.#
PHASE II. DEVELOPMENT OF PRELIMINARY
SPECIFICATIONS.
68 00554 NAT U

STAUFFER CHEMICAL CO., LOS ANGELES. |
DEVELOPMENT OF CONFIGURATIONS AND
COMBINATIONS OF POLYURETHANE FORM TO PRODUCE
MAXIMUM EFFICIENCY IN PACKAGE CUSHIONING
MATERIALS.#
68 00765 NAT U

STAUFFER, W. A. |
STRUCTURAL DESIGN PHILOSOPHY FOR THE
SUPERSONIC TRANSPORT.# PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
68 01053 NAT U

STEGEN, R. J. |
WAVEGUIDE SLOT ARRAY DESIGN.#
TECHNICAL MEMORANDUM NO. 348.
68 01013 NAT U

STEGUR, W. A. |
DESIGN FOR IMPACT STUDIES-NORTHEAST
CORRIDOR TRANSPORTATION PROJECT.#
68 00147 NAT U

STEIN, B. A. |
EFFECTS OF LONGTIME ENVIRONMENTAL
EXPOSURE ON MECHANICAL PROPERTIES OF SHEET
MATERIALS FOR A SUPERSONIC TRANSPORT.#
68 00639 NAT U

STEINBERG, R. H. |
AN ANALYSIS OF THE D.C. COMPONENT OF THE
LOCAL ELECTRORETINOGRAM IN THE INTACT EYE OF
THE CAT.#
68 00953 NAT U

STEINBERG, R. H., CAPT. |
GANGLION CELL RESPONSE CHARACTERISTICS
FROM THE AREA CENTRALIS IN THE INTACT EYE
OF THE CAT.#
68 01140 NAT U

STEINMETZ, E. A. |
INVESTIGATION AND ANALYSIS OF AIRCRAFT
FUEL EMULSIONS.# FINAL REPORT /15 JUNE
1966 TO 14 JUNE 1967/.
68 01137 NAT U

STENTON, T. F. |
TRANSUNIC UNSTEADY AERODYNAMICS
FOR PLANAR WINGS WITH TRAILING EDGE CONTROL
SURFACES.# FINAL REPORT /1 AUGUST 1966 TO
31 NOVEMBER 1967/.#
68 01405 NAT U

STEPHAN, R. A. |
A USE OF COMPUTER FLIGHT PLANNING
TO DETERMINE OPTIMUM CRUISE ALTITUDES FOR
THE P-7 ORION UNDER VARIOUS WIND
CONDITIONS.#
68 00221 NAT U

AUTHOR INDEX

04/01* |

STERNFELD, M., JR. |
SUBJECTIVE RESPONSE TO SYNTHESIZED FLIGHT
NOISE SIGNATURES OF SEVERAL TYPES OF V/STOL
AIRCRAFT.#
68 01417 NAT U

STETSON, A. R. |
EVALUATION OF COMPOSITE MATERIALS FOR GAS
TURBINE ENGINES.#
68 00770 NAT U

STEUREN, W. H. |
BASIC SHAPES FOR AEROSPACE STRUCTURES.#
PHASE II SUPPLEMENT. UTILIZATION POTENTIAL.
68 00036 NAT U

STEUREN, W. H. |
BASIC SHAPES FOR AEROSPACE STRUCTURES.#
PHASE II. DEVELOPMENT OF PRELIMINARY
SPECIFICATIONS.
68 00534 NAT U

STEVENS INST. OF TECH., HOBOKEN, N. J. |
A LABORATORY SCALE MODEL TECHNIQUE FOR
INVESTIGATING PNEUMATIC TIRE HYDROPLANING.#
68 00991 NAT U

STEVENS INST. OF TECH., HOBOKEN, N. J. |
HYDRODYNAMICS OF AIRCRAFT TIRE
HYDROPLANING.#
68 01416 NAT U

STEWART, S. B. |
EFFECTS OF FAILURE TYPE, FAILURE ALTITUDE
AND AN EXPERIMENTAL PITCH TRIM AUGMENTATION
UPON MANDATORY GO-AROUND PERFORMANCE.#
PHASE IV, FINAL REPORT.
68 01180 R NAT U

STEWART, S. B. |
EFFECTS OF A 100-FOOT OPTION ALTITUDE
RULE AND AN ANNUNCIATOR PANEL ON FAILURE
DETECTION, GO-AROUND DECISIONS AND LANDING
PERFORMANCE.# PHASE III, FINAL REPORT.
68 01361 R NAT U

STILWELL, J. J. |
HYDROFOILS AT THE CROSSROADS.# PRESENTED
AT THE IAS TWENTY-NINTH ANNUAL MEETING
NEW YORK, JANUARY 23, 24 AND 25, 1961.
68 01019 NAT U

STIVERS, L. S., JR. |
HYPERSONIC SPEEDS.#
68 00167 NAT U

STOCKTON, W. W. |
FEASIBILITY OF BURNING EMULSIFIED FUEL
IN A 71100 ENGINE.#
68 01127 NAT U

STOLARSKI, M. |
AUTOMATION AND CYBERNETICS IN THE
RUSSIAN ARMY.# CHAPTER FOUR. TRANSLATION
FROM RUSSIAN.
68 01122 NAT U

STOLL, A. M. |
EVALUATION OF THERMAL PROTECTION AFFORDED
BY A FRIUM FIRE SUPPRESSION SYSTEM IN MARINE
CORPS AMPHIBIOUS VEHICLES.# FINAL REPORT.
68 00971 NAT U

STOLL, A. M. |
MATHEMATICAL MODEL OF SKIN EXPOSED TO
THERMAL RADIATION.# PHASE REPORT.
68 00973 NAT U

STOLL, A. M. |
DEVELOPMENT OF HIGH-INTENSITY THERMAL
PROTECTIVE FABRIC.# PHASE REPORT.
68 00979 NAT U

STRAIT, B. J. |
DESIGN AND DEVELOPMENT OF PARTIALLY UNIFORM
APWAYS.# FINAL SCIENTIFIC REPORT /1 FEBRUARY
1966 TO 31 JANUARY 1968/.
68 01121 NAT U

STRIEF, M. W. |
DYNAMIC RESPONSE CRITERIA FOR ROTARY WING
AIRCRAFT FLIGHT TRAINERS.# VOLUME I, FINAL
REPORT.
68 01130 NAT U

STRIEF, M. W. |
SUGGESTED GUIDE FOR A FUNCTIONAL TEST
SPECIFICATION FOR HELICOPTER AND V/STOL
AIRCRAFT FLIGHT TRAINERS.# VOLUME III,
FINAL REPORT.
68 01129 NAT U

STRIEF, M. W. |
DYNAMIC RESPONSE CRITERIA FOR V/STOL
AIRCRAFT TRAINERS.# VOLUME II, FINAL
REPORT.
68 01131 NAT U

STRINGER, F. S. |
OMEGA THE PHASE MODULATION TECHNIQUE OF
RESOLVING AMBIGUITIES FLIGHT TRIAL TO BARBADOS
AUGUST 1966.# TECHNICAL REPORT.
68 00745 NAT U

STRUHECKER, D. E. |
AIRCRAFT DESIGNERS HANDBOOK FOR TITANIUM
AND TITANIUM ALLOYS.#
68 00733 NAT U

STROM, J. A. |
THE EFFECT OF A FOREGROUND RIDGE
ON THE GAIN AND PATTERN OF AN
ANTENNA.#
68 00322 NAT U

STROUP, F. W. |
EVALUATION OF THE C-130E STABILITY AND
CONTROL CHARACTERISTICS DURING TANDEN,
SEQUENTIAL AND SINGLE-PLATFORM LAPES
DELIVERIES AND AIRDROP DELIVERIES.#
68 00326 NAT U

STRATZ, L. W. |
PRELIMINARY FLIGHT EVALUATION OF THE
STABILITY AND CONTROL DERIVATIVES AND DYNAMIC
CHARACTERISTICS OF THE UNARMED ED-70-1
BIPLANE INCLUDING COMPARISONS WITH
PREDICTIONS.#
68 01435 NAT U

STUART, D. G. |
MAYSTACR ANTENNA REFLECTOR SURFACE
IMPROVEMENT PROGRAM.# TECHNICAL NOTE.
68 01235 NAT U

AUTHOR INDEX

09/000001

STUBBS, M. E.]
INVESTIGATION OF VARIOUS AVIATION
OBSTRUCTION MARKERS.#
68 01456 R NAT U

STURCELL, L. G.]
TROPICAL PROPAGATION RESEARCH.# FINAL
REPORT. VOLUME I.
68 00203 NAT U

SUD AVIATION, BUREAU DES SCIENCES, FRANCE.]
THE DESIGN DEPARTMENT AND THE PROBLEM OF
FATIGUE RELIABILITY.# PRESENTED AT FOURTH
CONGRESS OF THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
68 01045 NAT U

SULLIVAN, D.]
EVALUATION OF USER REACTIONS TO A
SYSTEM.#
68 00094 NAT U

SULLIVAN, J. J.]
RADIATION MONITORING WITH NUCLEAR
EMULSIONS ON PROJECT GEMINI. RESULTS
ON THE 14-DAY MISSION GEMINI VII.# PART II.
68 00914 NAT U

SULLIVAN, J. J.]
RADIATION MONITORING WITH NUCLEAR EMULSIONS
ON PROJECT GEMINI. THE FLUX OF GALACTIC HEAVY
PRIMARYS ON GEMINI VII.# PART III.
68 00935 NAT U

SULLIVAN, T. L.]
TEXTURE STRENGTHENING AND FRACTURE
TOUGHNESS OF TITANIUM ALLOY SHEET AT ROOM
AND CRYOGENIC TEMPERATURES.#
68 00894 NAT U

SULLIVAN, T.]
TACTICAL INSTRUMENT LANDING /TAGLARD/
SYSTEM STUDY.#
68 01312 NAT U

SULZER, R.]
SIMULATION AND ANALYSIS OF OVER-OCEAN
SEPARATION ASSURANCE PROCEDURES AND DISPLAYS.#
FINAL REPORT.
68 00508 R NAT U

SULZER, R.]
LIGHTING AND MARKING OF OBSTRUCTIONS
TO AIR NAVIGATION.# FINAL REPORT.
68 00175 R NAT U

SULZER, R. E.]
CLIFF IDENTIFICATION STUDY. A AIR-TO-AIR
RANGE-TO-CLIFF SEPARATION ASSURANCE.#
INTERIM REPORT.
68 01067 R NAT U

SUMMISTON, R. A.]
COMPUTER PROGRAM DESCRIPTION.# VOLUME II.
68 01124 NAT U

SUSSKIND, E.]
INTEGRATED CIRCUIT AND MESSAGE SWITCH.#
68 00017 NAT U

SUTTON, L. R.]
A THEORY FOR PREDICTING THE ROTATIONAL
NOISE OF LIFTING ROTORS IN FORWARD FLIGHT
INCLUDING A COMPARISON WITH EXPERIMENTAL
68 00501 NAT U

SUZAKI, G.]
QUANTITATIVE METHODS FOR MANAGEMENT.#
68 01367 NAT U

SUZAKI, G.]
RESEARCH REPORT OF AN AIR FORCE RESEARCH
RADAR ZERO-ZERO TRAINING SYSTEM.# PART II.
FINAL REPORT.
68 00819 NAT U

SWAN, H. S.]
PROBLEMS WITH ELECTRICAL CONNECTIONS
AND INSULATED WIRE IN THE AIRCRAFT
INDUSTRY.#
68 00044 NAT U

SWAN, H. C.]
A DISCUSSION OF SELECTED AERODYNAMIC
PROBLEMS ON INTEGRATION OF PROPULSION
SYSTEMS WITH THE AIRFRAME ON TRANSPORT
AIRCRAFT.#
68 00395 NAT U

SWANSON, S. R.]
PRACTICAL FATIGUE LOADINGS FOR AERONAUTICAL
STRUCTURES.# PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01044 NAT U

SWEARINGEN, M. S.]
AN EVALUATION OF POTENTIAL DECOMPRESSION
HAZARDS IN SMALL PRESSURIZED AIRCRAFT.#
68 00258 R NAT U

SWEDEN, AERONAUTICAL RESEARCH INST., ULSUNDA.]
LIFTING-LINE THEORY FOR SUBSONIC SHEAR
FLOW.#
68 01390 NAT U

SWEDEN, AERONAUTICAL RESEARCH INST., STOCKHOLM.]
ATMOSPHERIC SCATTERING OF SONIC-BOOM
INTENSITIES.# PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01092 NAT U

SWEDEN, AERONAUTICAL RESEARCH INST., ULSUNDA.]
ATMOSPHERIC MAGNIFICATION OF SONIC BOOMS IN
THE GRIFFIN TESTS.#
68 01391 NAT U

SWICK, R. M.]
INVESTIGATION OF COORDINATE FREE TURBINE
ENGINE CONTROL SYSTEMS FOR MULTISENSE
HELICOPTERS.# FINAL REPORT.
68 01097 NAT U

SWIFT, C. E.]
THE APERTURE ADMITTANCE OF A GROUND-PLANE-
MOUNTED NAVIGATOR ILLUMINATING A PERFECTLY
CONDUCTING SHEET.#
68 00017 NAT U

SHIFT, C.L.I.
THE INPUT ADMITTANCE OF A RECTANGULAR
APERTURE ANTENNA LOADED WITH A DIELECTRIC
PLUG.#
68 00814 NAT U

SYLVANIA ELECTRIC PRODUCTS, INC., SALEM, MASS. I
ELECTROLUMINESCENT AIRFIELD LIGHTING
SYSTEM.# FINAL REPORT.
68 00445 NAT U

SYLVANIA ELECTRONIC SYSTEMS, BUFFALO, I
VALUE ENGINEERING-FINAL REPORT FOR LIGHT
OBSERVATION HELICOPTER AVIONICS PACKAGE.#
FINAL REPORT /21 JANUARY 1966 TO 21 JANUARY
1968/.
68 01095 NAT U

SYRACUSE UNIV., N. Y. ELECTRICAL ENGINEERING I
DEPT. I
OPTIMIZATION OF PERFORMANCE INDICES IN
DISCRETE ARRAY SYSTEMS.#
68 00775 NAT U

SYRACUSE UNIV., N. Y. RESEARCH CORP. DEFENSE I
SYSTEMS DIV. I
A STATISTICAL ANALYSIS OF SITING ERROR IN
RADIO DIRECTION-FINDING.#
68 00525 NAT U

SYRACUSE UNIV., N. Y. RESEARCH INST. I
DESIGN AND DEVELOPMENT OF PARTIALLY UNIFORM
ARRAYS.# FINAL SCIENTIFIC REPORT /1 FEBRUARY
1960 TO 31 JANUARY 1968/.
68 01121 NAT U

SYSTEM DEVELOPMENT CORP., FALLS CHURCH, VA. I
FIVE YEAR PLAN.# VOLUME I.
68 01095 NAT U

SYSTEM DEVELOPMENT CORP., FALLS CHURCH, VA. I
NEEDS AND REQUIREMENTS.# VOLUME II.
68 01096 NAT U

SYSTEM DEVELOPMENT CORP., FALLS CHURCH, VA. I
STATE OF THE ART STUDY.# VOLUME III.
68 01097 NAT U

SYSTEM DEVELOPMENT CORP., FALLS CHURCH, VA. I
RECOMMENDATIONS FOR ADP-RELATED
DEVELOPMENTS IN FIVE YEAR PLAN.# APPENDIX.
68 01096 NAT U

SYSTEMS ANALYSIS AND RESEARCH CORP., BOSTON. I
DEMAND FOR INTERCITY PASSENGER TRAVEL
IN THE WASHINGTON-BOSTON CORRIDOR.#
68 00422 NAT U

SYSTEMS TECHNOLOGY, INC., MANTHORNE, CALIF. I
ANALYSIS OF DISPLAY-PILOT-VEHICLE DYNAMICS
FOR THE APPROACH OF A LARGE JET AIRCRAFT.#
68 00521 NAT U

SYSTEMS TECHNOLOGY, INC., MANTHORNE, CALIF. I
NEW APPROACHES TO HUMAN-PILOT/VEHICLE
DYNAMIC ANALYSIS.#
FINAL REPORT /MARCH 1966 TO JUNE 1967/.
68 01111 NAT U

SYSTEMS TECHNOLOGY, INC., MANTHORNE, CALIF. I
OPTIMIZATION OF LINEAR AND NONLINEAR
SYSTEMS BY MINIMIZATION OF AUXILIARY
EFFORT.# FINAL REPORT.
68 01112 NAT U

SYSTEMS TECHNOLOGY, INC., MANTHORNE, CALIF. I
A REEXAMINATION OF EYE MOVEMENT DATA.#
TECHNICAL MEMORANDUM.
68 01116 NAT U

SYSTEMS TECHNOLOGY, INC., MANTHORNE, CALIF. I
PILOT DYNAMIC RESPONSE TO SUDDEN FLIGHT
CONTROL SYSTEM FAILURES AND IMPLICATIONS
FOR DESIGN.#
68 01275 NAT U

SYSTEMS TECHNOLOGY, INC., MANTHORNE, CALIF. I
ANALYTICAL REVIEW OF MILITARY HELICOPTER
FLYING QUALITIES.# FINAL REPORT.
68 01321 NAT U

TACTICAL AIR COMMAND, LANGLEY AFB, VA. I
HONEYWELL RADAR ALTIMETER SYSTEM.#
FINAL REPORT.
68 01158 NAT U

TACTICAL AIR LIFT CENTER, POPE AFB, N. C. I
HONEYWELL RADAR ALTIMETER SYSTEM.#
FINAL REPORT.
68 01158 NAT U

TALBOT, P. I
TECHNIQUES FOR TESTS ON STRUCTURES
SUBJECT TO KINETIC HEATING.#
68 00152 NAT U

TAMURA, J. N. I
SYSTEMS ANALYSIS AND MECHANIZATION
STUDIES.# APPENDIX I, FINAL TECHNICAL REPORT.
68 00902 NAT U

TAMURA, J. N. I
CONTROLS AND DISPLAYS ANALYSIS.#
APPENDIX II.
68 00903 NAT U

TAMURA, J. N. I
SYSTEMS EFFECTIVENESS REPORT.#
APPENDIX III
68 00904 NAT U

TAN, P. N. I
EXPERIMENTAL STUDY OF PILOT VISIBILITY
FROM A VLOS AIR/SEA CRAFT NEAR THE OCEAN
SURFACE.#
68 00393 NAT U

TANG, J. I
STABILITY AND CONTROL HANDBOOK FOR
HELICOPTERS.#
68 00354 NAT U

TANG, J. C. I
THEORETICAL AND EXPERIMENTAL INVESTIGATION
OF THE INSTANTANEOUS INDUCED VELOCITY FIELD IN
THE WAKE OF A LIFTING BUTLER.#
68 00860 NAT U

TANG, P. C. I
FUNCTIONAL ORGANIZATION OF BRAIN STEM
RESPIRATORY COMPLEX IN THE CAT.#
68 00901 NAT U

- TANG, P. C.]
THE INFLUENCE OF ALCOHOL AND GRAMMINE,
ALONE AND IN COMBINATION, ON PSYCHOMOTOR
PERFORMANCE.#
68 0094# NAT U
- TANG, P. C.]
ENVIRONMENTAL FACTORS AFFECTING THE
PERFORMANCE OF INFRARED CO2 ANALYZER AND THE
ESTIMATION OF ALVEOLAR CO2 TENSION.#
68 0120# NAT U
- TANNER, R. L.]
INVESTIGATION OF GENERAL WIRE
ANTENNAS. # FINAL REPORT.
68 00191 NAT U
- TATNALL, S. J.]
JOINT AIR FORCE-NAVY SUPERSONIC RATH
ERUSION EVALUATIONS OF MATERIALS.#
68 0115# NAT U
- TAYLOR, A. J.]
AIRCRAFT LOADING ACTIONS PROBLEMS-
PROCEEDINGS OF A SYMPOSIUM HELD AT
FARNBOROUGH, OCTOBER 28, 1966.# TECHNICAL
REPORT.
68 0119# NAT U
- TAYLOR, C. C.]
DDO USER-NEEDS STUDY, PHASE II.#
VOLUME III.
68 0095# NAT U
- TAYLOR, C. L.]
PRELIMINARY TESTS OF 1.0 IN. DIA. ROD SEALS
FOR SUB-HYDRAULIC SYSTEMS.#
68 0026# NAT U
- TAYLOR, G. R.]
ANALYSIS OF CAUSES AND ALLEVIATION OF LOW
TIRE TRACTION ON WET RUNWAYS.#
68 00617 NAT U
- TAYLOR, J. C.]
ARMY ADVANCED AFCS STUDY.# PHASE II.
FINAL REPORT. # I.
68 0077# NAT U
- TAYLOR, J. C.]
ARMY ADVANCED AFCS STUDY.# PHASE II.
FINAL REPORT. BOOK II.
68 0077# NAT U
- TAYLOR, J. R.]
TACTICAL INSTRUMENT LANDING /TALLAND/
SYSTEM STUDY.#
68 0016# NAT U
- TAYLOR, J. R.]
ANALYSIS OF THE LIMIT-CYCLE AND
THERMAL RESONANCE CHARACTERISTICS OF THE
A-10 STABILITY AUGMENTATION SYSTEM.#
68 0010# NAT U
- TAYLOR, R. C.]
A DESCRIPTION OF THE USU X-BAND SATELLITE
COMMUNICATIONS ANNA FACILITY.#
68 0009# NAT U
- TEEN, C. R.]
CONVULSION IN STRATIFIED ATMOSPHERE.#
68 0041# NAT U
- TECHNICAL INFORMATION CENTER, WRIGHT-
PATTERSON AFB, OHIO. I
SIXTY YEARS OF RACIAL.#
68 00292 NAT U
- TECHNICAL INFORMATION CENTER, WRIGHT-
PATTERSON AFB, OHIO. I
TECHNOLOGY OF AVIATION INSTRUMENT
CONSTRUCTION.#
68 00283 NAT U
- TECHNICAL INFORMATION CENTER, WRIGHT-
PATTERSON AFB, OHIO. I
PASSENGER AIRPLANE I. I. I. I. I. I. I.
68 00284 NAT U
- TELEDYNE SYSTEMS CO., HAWTHORNE, CALIF. I
INERTIAL SUBSYSTEM.# FINAL REPORT. I.
PHASE I, BOOK III.
68 0089# NAT U
- TELEDYNE SYSTEMS CO., HAWTHORNE, CALIF. I
INERTIAL SUBSYSTEM.# FINAL REPORT. I.
PHASE I, BOOK IV.
68 0089# NAT U
- TELEDYNE SYSTEMS CO., HAWTHORNE, CALIF. I
MANAGEMENT-PRODUCTION-SUPPORT-COST.#
FINAL REPORT, PHASE I, BOOK VI.
68 0089# NAT U
- TEMLIN, R. J.]
A MOMENTUM RULE FOR OPTIMUM AIRCRAFT
PERFORMANCE IN THE V/STOL TRANSITION REGIME.#
68 00412 NAT U
- TENBRUCK, H. W.]
LOW FREQUENCY ELECTRIC FIELD
CHARACTERISTICS OF CLEAR AIR TURBULENCE.#
68 00130 NAT U
- TEPLOV, S. V.]
ALUMINUM AS A HIGH-TEMPERATURE HEAT-
TRANSFER AGENT.# TRANSLATION FROM
RUSSIAN.
68 00084 NAT U
- TER-MIKALYAN, T. M.]
SOLVING ENGINEERING PROBLEMS BY DIGITAL
COMPUTER.#
68 0000# NAT U
- TERESHCHENKO, YU. K.]
METHOD OF APPRAISING THERMAL STABILITY
OF FUELS UNDER DYNAMIC CONDITIONS.#
TRANSLATED FROM RUSSIAN.
68 00135 NAT U
- TERRY, C. A.]
FACTORS AFFECTING THE ADHESION OF NONFAT
CONTENTS TO ANODIZED ALUMINUM SURFACES.#
68 0059# NAT U
- TERZIAN, R. C.]
COST EFFECTIVENESS METHODOLOGY, PART II.
APPLICATION OF KNOW CHAIN MODELS
TO DETERMINATION OF WAR STATE PROBABILITIES.#
FINAL REPORT.
68 01492 NAT U

AUTHOR INDEX

04/01* 1

TEKESBURY, E. J.]
FLUIDS, LUBRICANTS, FUELS AND RELATED
MATERIALS.#
68 01315 NAT U

THEPP ADVANCED RESEARCH, INC., ITHACA, N. Y. 1
EXPERIMENTAL STUDY OF PILOT VISIBILITY
FROM A VTOL AIR/SEA CRAFT NEAR THE OCEAN
SURFACE.#
68 00394 NAT U

THOMAS, D. K.]
COMPRESSION SET RESISTANCE IN SILICONE
RUBBERS.#
68 00657 NAT U

THOMAS, H. F.]
ENGINEERING TEST OF LIGHTWEIGHT AIRBORNE
TRANSFER W/ A/PA-68 /AIMS PROGRAM.#
FINAL REPORT.
68 00669 NAT U

THOMAS, H. H. L. M.]
PROPOSED TERMS FOR DESCRIBING SOME
PROPERTIES OF PHYSICAL SYSTEMS.#
68 00416 U

THOMAS, H. H. L. M.]
NOTES ON A VISIT BY H. H. L. M. TO
INTERNATIONAL CONTINENTAL AIRPORTS TO STUDY
LIGHTING INSTALLATIONS.#
68 00448 NAT U

THOMAS, J.]
NEW SWITCHING CONCEPTS.# FINAL
REPORT.
68 00334 NAT U

THOMAS, N. M., III, III.]
RECEIVER DESIGN FOR A SHORT RANGE,
PRECISE, NAVIGATION SYSTEM.#
MASTERS THESIS.
68 01151 NAT U

THOMPSON RADIO WOODBRIDGE, INC., CANOGA PARK, I
CALIF. 1
TELEVISION BROADCASTING FROM SATELLITES.#
PRESENTED AT THE NATIONAL ARS-1AS JOINT
MEETING, LOS ANGELES, CALIFORNIA, JUNE 13, 14,
15 AND 16, 1961.
68 01030 NAT U

THOMPSON, A. B.]
TRANSFER OF HABITATION OF MOTION SICKNESS
ON CHANGE IN BODY POSITION BETWEEN VERTICAL
AND HORIZONTAL IN A ROTATING ENVIRONMENT.#
68 01208 NAT U

THOMPSON, A. W.]
THE POTENTIALS OF COMPOSITE STRUCTURES IN
THE DESIGN OF AIRCRAFT.#
68 01084 NAT U

THOMPSON, A. W. M.]
THE POTENTIAL USE OF MATHEMATICAL MODELS
IN MATERIALS DATA PRESENTATION WITH PARTICULAR
REFERENCE TO THE AGARD MATERIAL PROPERTIES
HANDBOOKS.#
68 00849 NAT U

THOMPSON, D. A.]
AIRCRAFT PHASED ARRAY TECHNIQUES.#
FINAL REPORT.
68 00217 NAT U

TIRBS, D. F.]
EVALUATION OF A CLOSED-CIRCUIT TELEVISION
DISPLAY IN LANDING OPERATIONS WITH A
HELICOPTER.#
68 00757 NAT U

TIDUS, D. B.]
INERTIAL SUBSYSTEM.# FINAL REPORT,
PHASE I, BOOK III.
68 00889 NAT U

TIDUS, D. B.]
INERTIAL SUBSYSTEM.# FINAL REPORT,
PHASE I, BOOK IV.
68 00890 NAT U

TIDUS, D. B.]
MANAGEMENT-PRODUCTION-SUPPORT-COST.#
FINAL REPORT, PHASE I, BOOK VI.
68 00891 NAT U

TIGNEY, J. K.]
INVESTIGATION OF METHODS TO REDUCE ANIMAL
DAMAGE TO WIRE AND CABLE.#
68 00036 NAT U

TIKHONCHUK, Y. N.]
HAULING FREIGHT IN CONTAINERS AND
PACKAGS.#
68 00007 NAT U

TIMBY, E. A.]
NOTES ON THE SELECTION OF REFRIGERANTS
FOR AIRCRAFT VAPOR CYCLE COOLING SYSTEMS.#
68 00153 NAT U

TUBIN, K.]
DEVELOPMENT AND APPLICATION OF COST
EFFECTIVENESS EVALUATION PROCEDURES TO
SHIPBOARD ELECTRONIC EQUIPMENT AND SYSTEMS.#
68 00653 NAT U

TUGG, S.]
TACAN ANTENNA TECHNIQUES.# FINAL REPORT.
68 01061 NAT U

TUMLIN, R. H.]
C-5 FLIGHT CONTROL REPORT
/AEROSPACE VEHICLE/ STABILITY AND CONTROL.#
68 00469 NAT U

TOMLINSON, B. N.]
SOME CALCULATIONS OF THE TAKE-OFF BEHAVIOUR
OF A SLENDER-BODY SUPERSONIC TRANSPORT DESIGN
CONSTRAINED TO FOLLOW A SPECIFIED
PITCH-ATTITUDE TIME HISTORY.#
68 00467 NAT U

TORONTO UNIV. INST. FOR AEROSPACE STUDIES. 1
THE NOISE OF AIRCRAFT.# PRESENTED AT
FOURTH CONGRESS OF THE INTERNATIONAL COUNCIL
OF THE AERONAUTICAL SCIENCES, PARIS, FRANCE,
AUGUST 24-28, 1964.
68 01035 NAT U

TORONTO UNIV. INST. FOR AEROSPACE STUDIES. 1
WINDTUNNEL CORRELATIONS GOVERNING THE
PATTERN OF JET NOISE.#
68 00407 U

TORONTO, UNIV., INST. FOR AEROSPACE STUDIES. |
STATISTICAL AND METALLOGRAPHIC ASPECTS OF
FATIGUE FAILURE MECHANISMS IN METALS.0
68 00014 NAT U

TOWNEND, L. H. |
ON HYPERSONIC CRUISING AIRCRAFT
WHICH CAN HAVE ALL LEADING EDGES SHEET.0
68 00059 NAT U

TRACON, INC., ROCKVILLE, MD. |
AN ANALYTICAL STUDY OF THE MEASURED WALL
PRESSURE FIELD UNDER SUPERSONIC TURBULENT
BOUNDARY LAYERS.0
68 00466 NAT U

TRANS WORLD AIRLINES, INC. |
CONTROL OF PERIODIC MAINTENANCE THROUGH
RELIABILITY ANALYSIS SYSTEMS.0
68 00418

THAUSCH, M. |
HYBRID PIEZOELECTRIC DEVICES.0 FINAL
REPORT.
68 00355 NAT U

TRAVELERS RESEARCH CENTER, INC., HARTFORD. |
AN APPLICATION OF MULTIPLE DISCRIMINANT
ANALYSIS TO THE PROBABILISTIC PREDICTION OF
METEOROLOGICAL CONDITIONS AFFECTING
OPERATIONAL DECISIONS.0
68 01263 NAT U

TRAVELERS RESEARCH CENTER, INC., HARTFORD. |
EVALUATION OF THE ATLANTIC CITY MESONET
FOR SHORT RANGE PREDICTION OF AVIATION
TERMINAL WEATHER.0 FINAL REPORT.
68 01353 NAT U

TRAYDAK, J. J. |
AERODYNAMICS CHARACTERISTICS OF A GENERAL
TILT-WING/PROPELLER MODEL TESTED AT SLOW
SPEEDS AND HIGH ANGLES OF ATTACK.0
68 01443 NAT U

TRAYSER, G. A. |
CATERING OF FUELS AND FUEL-USING
EQUIPMENT.0
68 00594 NAT U

TREDDLE, W. J. G. |
REDUCTION OF THE ROLLING MOVEMENTS OF
SLENDER WING MODELS BY THE APPLICATION OF
FULL-AND PART-SPAN ANTIROLL.0
68 00747 NAT U

TRENKA, A. H. |
PERFORMANCE AND STRESSES OBTAINED ON AN
ISOLATED VILL TYPE PROPELLER OPERATING IN
MOVING, TRANSLATIONAL AND AXIAL FLIGHT.0
68 00156 NAT U

TRENT, A. D. G. |
EFFECTS OF COLOR CUTOFF FILTERS ON COLOR
DISCRIMINATION.0 PHASE REPORT.
68 01070 NAT U

TRK, INC., EAST BOSTON, MASS. |
INVESTIGATION OF SCALAR PRED. PULSIVE
CAPABILITY.0 FINAL REPORT / FEBRUARY 1966 TO
NOVEMBER 1967.
68 00976 NAT U

TRK, INC., MELVILLE, N. Y. |
ELECTRONICALLY TUNABLE PARAMETRIC
UPCONVERTER.0
68 00014

TRK, INC., MELVILLE, N. Y. |
INVESTIGATION OF GENARAL WIRE
ANTENNAS.0 FINAL REPORT.
68 00193 NAT U

TRINHA, A. H. |
COMPARATIVE STUDY OF THE EFFECTS OF
TECHNIQUE OF THE ROCK AND SIMILAR
ISOLATION.0 INTERIM REPORT.0
68 00000

TRIP, H. J. |
ADVANCED LIFE FAN SYSTEM.0 PART II, VOLUME
CONTINUATION.0
68 00157 NAT U

TRIPLETT, W. J. |
PAVEMENT DESIGN.0 PART II, VOLUME 1.
68 00868 NAT U

TRUESDALE, W. B. |
CIVIL AND MILITARY AIRFIELD.0 PART I, VOLUME 1.
68 00867 NAT U

TRUESDALE, W. B. |
CIVIL AND MILITARY AIRFIELD.0 VOLUME 1, PART 1.
68 00924 NAT U

TRUMBLE, T. M. |
INTEGRATED FIRE AND OVERHEAT DETECTION
SYSTEM FOR MANNED FLIGHT VEHICLES.0
68 00567 NAT U

TRUNKLINE GAS CO. |
CONTINUED AIRWORTHINESS AS SEEN BY THE
EXECUTIVE OPERATOR.0
68 00423

TRUPOR, U. K. |
ICING OF AIRCRAFT AND THE MEANS OF
PREVENTING IT.0 TRANSLATED FROM RUSSIAN.
68 01224 NAT U

TRM SYSTEMS GROUP, NORTON AFB, CALIF. |
COST EFFECTIVENESS METHODOLOGY. PART I,
GUIDELINES FOR SYSTEM LIFE - CYCLE COSTING.0
FINAL REPORT.
68 01491 NAT U

TRM SYSTEMS GROUP, NORTON AFB, CALIF. |
COST EFFECTIVENESS METHODOLOGY. PART II,
APPLICATION OF MARKOV CHAIN MODELS
TO DETERMINATION OF WAR STATE PROBABILITIES.0
FINAL REPORT.
68 01492 NAT U

TRM SYSTEMS GROUP, NORTON AFB, CALIF. |
COST EFFECTIVENESS METHODOLOGY. PART III,
APPLICATION OF WEISS STATISTICAL DECISION
THEORY TO COST EFFECTIVENESS DECISION.0
FINAL REPORT.
68 01493 NAT U

AUTHOR INDEX

04/01* 1

TSAI, K. W. I
STRENGTH RESPONSE PARAMETERS OF NATURAL
SOIL SURFACES AND THEIR APPLICATION TO THE
LANDING PROBLEM OF AIRCRAFT. #
68 00804 NAT U

TSAKONAS, S. I
HYDRODYNAMICS OF AIRCRAFT TIRE
HYDROPLANING. #
68 01416 NAT U

TULIN, M. P. I
THE HYDRODYNAMIC CHARACTERISTICS OF HIGH
SPEED HYDROFOILS. # PRESENTED AT THE IAS
TWENTY-NINTH ANNUAL MEETING, NEW YORK, JANUARY
23, 24 AND 25, 1961.
68 01018 NAT U

TURLEY, K. V. I
STRESS CORROSION SUSCEPTIBILITY OF WELDED
ALUMINUM ALLOYS. # FINAL REPORT / JULY 1966 TO
AUGUST 1967.
68 01069 NAT U

TURNBULL, J. W. I
CRASH SURVIVAL DESIGN GUIDE. #
68 01290 NAT U

TURNBULL, J. W. I
AIRCRAFT PASSENGER-SEAT-SYSTEM RESPONSE
TO IMPULSIVE LOADS. #
68 00065 NAT U

TURNER, T. R. I
A MOVING-BELT GROUND PLANE FOR WIND-
TUNNEL GROUND SIMULATION AND RESULTS FOR
TWO JET-FLAP CONFIGURATIONS. #
68 00206 NAT U

TURNER, T. R. I
WIND-TUNNEL INVESTIGATION OF A
3/8-SCALE AUTOMOBILE MODEL OVER A
MOVING-BELT GROUND PLANE. #
68 00225 NAT U

TURNIPSEED, G. T. I
THE DEVICES FOR ANALYSIS OF MYSTAGMUS. #
68 00954 NAT U

TURNQUIST, U. I
NEW SWITCHING CONCEPTS. # FINAL
REPORT.
68 00354 NAT U

TUSHNETZ, J. E. I
ARMY ADVANCED ARCS STUDY. # PHASE I,
FINAL REPORT / 1 MARCH TO 1 NOVEMBER 1969.
68 01286 NAT U

TUTTLE, W. D. I
BASIC SHAPES FOR AEROSPACE STRUCTURES. #
PHASE II SUPPLEMENT. UTILIZATION POTENTIAL.
68 00016 NAT U

TUTTLE, W. D. I
BASIC SHAPES FOR AEROSPACE STRUCTURES. #
PHASE II. DEVELOPMENT OF PRELIMINARY
SPECIFICATIONS.
68 00954 NAT U

TUVE, R. L. I
FULL-SCALE FIRE MODELING TEST STUDIES
OF LIGHT WATER AND PROTEIN TYPE FOAMS. #
68 00162 NAT U

TYLER, J. S., JR. I
STUDY OF MODELS IN LINEAR OPTIMAL
CONTROL THEORY AND APPLICATION TO VARIABLE
STABILITY AIRPLANE CONTROL SYSTEM. #
68 00811 NAT U

TYNTYNOV, V. A. I
AIRCRAFT ENGINES /SELECTED CHAPTERS/. #
68 00375 NAT U

ULE, G. M., JR. I
TRANSPORTATION OF TRANSOCEANIC CARGO. #
A DESIGN FOR RESEARCH.
68 00540 NAT U

ULE, G. M., JR. I
TRANSPORTATION OF TRANSOCEANIC CARGO - A
DESIGN FOR RESEARCH. #
68 01285 NAT U

ULEKY, M. M., JR. I
AIRCRAFT GROUND-FLOTATION INVESTIGATION. #
PART I- BASIC REPORT.
68 00553 NAT U

UNGER, J. M. W. I
SPECIAL APPLICATIONS OF TWENTY-FOUR-HOUR
COMMUNICATION SATELLITES. # PRESENTED AT THE
NATIONAL AMS-IAS JOINT MEETING, LOS ANGELES,
CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
68 01029 NAT U

UNGER, J. L. I
TARGET RESOLUTION IMPROVEMENT FROM
FREQUENCY AGILITY. #
68 00223 NAT U

UNION CAMBIDE CORP., I
A NEW METHOD FOR MAKING IMPROVED
COMMUNICATIONS CABLES. #
68 00279 NAT U

UNITED AIR LINES, I
TEST AND REPLACE AS NECESSARY /TARAM/
PROGRAM. #
68 00420 U

UNITED AIR LINES, INC., CHICAGO, I
MOUNTAIN WAVE EXPOSURE ON JET ROUTES
OF NORTHWEST AIRLINES AND UNITED AIR
LINES. #
68 00392 NAT U

UNITED AIR LINES, INC., ELK GROVE TOWNSHIP, I
ILL. I
JET-FLIGHT EVALUATION OF INERTIAL
NAVIGATION OPERATIONS. # VOLUME II.
68 01200 NAT U

UNITED AIR LINES, INC., ELK GROVE TOWNSHIP, I
ILL. I
JET-FLIGHT EVALUATION OF INERTIAL
NAVIGATION OPERATIONS. # VOLUME I, FINAL
REPORT.
68 01200 NAT U

UNITED AIR LINES, INC., DENVER, I
ANALYSIS OF THE SEVERE WEATHER FACTOR IN
AUTOMATIC CONTROL OF AIR ROUTE TRAFFIC.
FINAL REPORT.
68 01232 NAT U

UNITED AIRCRAFT CORP. CORPORATE SYSTEMS
CENTER, FARMINGTON, CONN. I
REPORT ON ANALYSIS AND EVALUATION OF HAFEC
ALSONET SYSTEM.
68 00456 NAT U

UNITED AIRCRAFT CORP. HAMILTON STANDARD DIV., I
WINDSOR LOCKS, CONN. I
FLIGHT PATH CONTROL SYSTEM FLIGHT
TEST RESULTS AND DESCRIPTION.
FINAL
REPORT. VOLUME I.
68 00149 NAT U

UNITED AIRCRAFT CORP. HAMILTON STANDARD DIV., I
WINDSOR LOCKS, CONN. I
ASSURING RELIABILITY IN JET FUEL
CONTROLS.
68 00425 U

UNITED AIRCRAFT CORP. HAMILTON STANDARD DIV., I
WINDSOR LOCKS, CONN. I
1967 PROPELLER PRODUCT IMPROVEMENT PROGRAM
FINAL ENGINEERING REPORT / 1 JANUARY 1967
TO 31 DECEMBER 1967.
68 01222 NAT U

UNITED AIRCRAFT CORP. HAMILTON STANDARD DIV., I
WINDSOR LOCKS, CONN. I
PLASINILITY STUDY OF ADVANCED W/STOL
PROPELLER TECHNOLOGY.
FINAL REPORT.
68 01249 NAT U

UNITED AIRCRAFT CORP. MURDEN DIV., NORMAL, I
CONN. I
VERTICAL SITUATION DISPLAY FOR
VTL SIMULATOR.
FINAL REPORT / 1 JULY 1966 -
14 FEBRUARY 1968.
68 01489 NAT U

UNITED AIRCRAFT CORP. RESEARCH LABS., EAST I
HARTFORD, CONN. I
PIED-Base FLIGHT SIMULATOR STUDIES OF
VTL AIRCRAFT HANDLING QUALITIES IN MOVING
AND LOW-SPEED FLIGHT.
68 00601 NAT U

UNITED AIRCRAFT CORP. SIKORSKY AIRCRAFT DIV., I
STRATFORD, CONN. I
DESIGN STUDY OF HEAVY LIFT HELICOPTER
EXTERNAL LOAD HANDLING SYSTEM.
68 00694 NAT U

UNITED AIRCRAFT CORP. SIKORSKY AIRCRAFT DIV., I
STRATFORD, CONN. I
SURVEY OF ROTARY WING HANDLING QUALITIES.
68 00751 NAT U

UNITED AIRCRAFT CORP. SIKORSKY AIRCRAFT DIV., I
STRATFORD, CONN. I
FLIGHT TEST PROGRESS REPORT, S-61F / HH-3A/
COMBING CONFIGURATION WITH FIVE-4 DEGREE
THIST BLADES.
68 01786 NAT U

UNITED AIRCRAFT CORP., FARMINGTON, CONN. I
A STUDY OF THE CRITICAL COMPUTATIONAL
PROBLEMS ASSOCIATED WITH STRAPDOWN INERTIAL
NAVIGATION SYSTEMS.
68 00647 NAT U

UNITED AIRCRAFT CORP., STRATFORD, CONN. I
INVESTIGATION OF COMPOUND HELICOPTER
AERODYNAMIC INTERFERENCE EFFECTS.
68 00691 NAT U

UNITED STATES COAST GUARD. I
ADHESION PROPERTIES OF PAINTS ON
GALVANIZED STEEL.
68 00105 NAT U

UNITED STATES COAST GUARD, WASHINGTON, D.C. I
ESNA 250MM ROTATING BEACON.
68 01115 NAT U

UNKOWITZ, H. I
AIRBORNE PHASED ARRAY TECHNIQUES.
FINAL REPORT.
68 00210 NAT U

UTAH, UNIV., SALT LAKE CITY. I
TRANSMISSION LINE PARAMETER MEASUREMENTS
STANDING WAVE IMPEDANCE PROBE.
68 00323 NAT U

VALUE ENGINEERING CO., ALEXANDRIA, VA. I
METALLURGICAL EVALUATION OF AIRCRAFT
EXHAUST SYSTEM COMPONENTS FAILED DURING
GROUND TEST PROGRAM.
FINAL REPORT.
68 01363 R NAT U

VAN LUTT, H. P. I
EFFECTS OF DRUGS ON HUMAN PERFORMANCE -
SUMMARY OF RESULTS.
FINAL REPORT / JULY
1964 TO OCTOBER 1967.
68 01142 NAT U

VAN DE VAART, H. I
INTEGRATED SOLID STATE TIME DELAY
AMPLIFIER.
68 00011 NAT U

VAN DE VAART, H. I
INTEGRATED SOLID STATE TIME DELAY
AMPLIFIER.
68 01111 NAT U

VAN DUYN, E. A. I
ALTERNATIVE APPROACHES FOR REDUCING
DELAYS IN TERMINAL AREAS.
68 00185 R NAT U

VAN HOUTEN, J. J. I
INVESTIGATION OF THE CALIBRATION OF
MICROPHONES FOR SONIC BOOM MEASUREMENT.
68 01419 NAT U

VAN HOUTEN, J. J. I
THE SHOCK EXPANSION TUBE AND ITS
APPLICATION AS A SONIC BOOM SIMULATOR.
68 01423 NAT U

VANCE, E. F. I
EXPERIMENTAL DEVELOPMENT OF DYNAMIC
STATIC DISCHARGER SYSTEM FOR LARGE JET
AIRCRAFT.
TECHNICAL FINAL REPORT / JULY
1966 TO AUGUST 1967.
68 01147 NAT U

VARIAN ASSOCIATES, EIMA DIV., SAN CARLOS, I
CALIF. I
TRANSMITTER TUNE INVESTIGATION.
FINAL
REPORT.
68 00134 NAT U

VARIAN ASSOCIATES, PALO ALTO, CALIF. |
BROADBAND X-BAND KLYSTRON.# FINAL REPORT.
68 01066 NAT U

VARIAN ASSOCIATES, SAN CARLO, CALIF. |
IMPROVED X-BAND EXTENDED-INTERACTION
RESONATORS.#
68 00475 NAT U

VARNER, S. L. |
DESIGN ANALYSIS OF INTEGRAL WEIGHT AND
BALANCE SYSTEM FOR ARMY CARGO HELICOPTERS.#
68 00582 NAT U

VAUGHAN, J. A. |
THE EFFECTS OF BODY THERMAL STATE ON
MANUAL PERFORMANCE.#
68 01473 R NAT U

VAUGHAN, R. L. |
TESTING OF CODED HELIPORT BEACONS.#
68 00197 NAT U

VAUGHN, G. F. |
DYNAMICS OF ARC JET SYSTEM.#
PRESENTED AT THE NATIONAL AAS-IAS JOINT
MEETING, LOS ANGELES, CALIFORNIA, JUNE 13, 14,
15 AND 16, 1967.
68 01021 NAT U

VENA, P. A. |
HF ADAPTIVE MODEL AIR-TO-GROUND TEST.#
68 00117 NAT U

VEREGGE, E. J. |
ENROUTE IFR AIR TRAFFIC SURVEY.#
68 00681 R NAT U

VEREGGE, E. J. |
TYPE AIRMAN CERTIFICATION AS RELATED TO
ACCIDENTS.#
68 00790 R NAT U

VEREGGE, E. J. |
AIRCRAFT ACCIDENTS BY OLDER PERSONS.#
68 00792 R NAT U

VERSTIN, G. E. |
REVIEW OF PROJECTED NAVY USER REQUIREMENTS
AND CURRENT VENDOR CAPABILITIES.# VOLUME I.
68 00520 NAT U

VIGOR, M. |
INVESTIGATION OF SCALAR FEED MONOPULSE
CAPABILITY.# FINAL REPORT / FEBRUARY 1966 TO
NOVEMBER 1967.
68 00896 NAT U

VILLONE, A., DR. |
SYNERGISTIC NAVIGATION SYSTEM STUDY.#
PHASE II, FINAL REPORT
68 01066 NAT U

VIMENT, C. T. |
DEVELOPMENT OF NONDESTRUCTIVE TESTS FOR
STRUCTURAL ADHESIVE BONDS.#
TECHNICAL REPORT.
68 00899 NAT U

VINJE, E. W. |
FIXED-BASE FLIGHT SIMULATOR STUDIES OF
VTOL AIRCRAFT HANDLING QUALITIES IN HOVERING
AND LOW-SPEED FLIGHT.#
68 00861 NAT U

VINNICHENKO, N. K. |
A MULTICHANNEL AIRBORNE CODING CONVERTER.#
68 00596 NAT U

VIRGINIA UNIV., CHARLOTTESVILLE, SCHOOL OF
ENGINEERING AND APPLIED SCIENCE. |
SYMPOSIUM ON THE PHYSICS OF SUPERCONDUCTING
DEVICES.#
68 00519 NAT U

VLEIGHT, J. P. R. |
INTEGRATION OF PROPULSION SYSTEMS IN
AIRFRAMES.# PAPERS PRESENTED AT THE
THIRTY-FIRST MEETING OF THE AGARD FLIGHT
MECHANICS PANEL, GOTTINGEN, GERMANY,
SEPTEMBER, 13, 14, AND 15, 1967.
68 01253 NAT U

VOGEL, E. |
AIRCRAFT PRELIMINARY DESIGN REPORT
V/STOL JET OPERATIONS RESEARCH AIRPLANE
DESIGN STUDY-SECTIONS I TO V.# PART I.
68 00399 NAT U

VON HUSEN, R. |
EVALUATION OF THE SPIN CHARACTERISTICS
OF THE T-28 AIRPLANE.# FINAL REPORT.
68 00684 NAT U

VOROBEN, L. M. |
SPACECRAFT NAVIGATION.# TRANSLATED FROM
RUSSIAN.
68 01255 NAT U

VOVCHENKO, N. V. |
DESIGN OF INERTIAL GUIDANCE SYSTEMS.#
68 00590 NAT U

VREULS, D. |
EVALUATION OF FLIGHT DIRECTOR ELEMENTS-
RISING RUNWAY, EXPANDED LOCALIZER, AND ROLLOUT
STEERING-DURING SIMULATED CATEGORY III-C
MANUAL AND SPLIT-AXIS LANDINGS.# PHASE II,
FINAL REPORT.
68 01182 R NAT U

VREULS, D. |
PILOT FAILURE DETECTION PERFORMANCE WITH
THREE LEVELS OF FAULT WARNING INFORMATION.#
PHASE I, FINAL REPORT.
68 01184 R NAT U

VREULS, D. |
SUMMARY OF ALL WEATHER LANDING SIMULATION
STUDIES.# FINAL REPORT.
68 01360 R NAT U

WADSWORTH, W. C. |
EXPERIMENTAL DEVELOPMENT OF DYNAMIC
STATIC DISCHARGER SYSTEM FOR LARGE JET
AIRCRAFT.# TECHNICAL FINAL REPORT / JULY
1966 TO AUGUST 1967.
68 01147 NAT U

WAPFORD, J. M. |
GROUND ACOUSTICAL SURVEY OF THE RB-57F
AIRPLANE WITH TP-33-P-11A ENGINE.#
68 00592 NAT U

AUTHOR INDEX

(12/21/71)

WAGNER, T. E.]
DUCMANT OPERATING AND STORAGE EFFECTS
ON ELECTRONIC EQUIPMENT AND PART
RELIABILITY.# FINAL REPORT.
68 00048 NAT U

WAKSBERG, I.]
VERTICAL SITUATION DISPLAY FOR
VIGIL SIMULATOR.# FINAL REPORT 71 JULY 1966 -
14 FEBRUARY 1968/.
68 01469 NAT U

WALKER, E. K.]
A STUDY OF THE INFLUENCE OF GEOMETRY ON THE
STRENGTH OF FATIGUE CRACKED PANELS.#
68 00344 NAT U

WALKER, E. K.]
FRACTURE TOUGHNESS AND CRACK PROPAGATION OF
300 M STEEL.# TECHNICAL REPORT.
68 01467 NAT U

WALKER, F. T., CAPT.]
RESOURCE MANAGEMENT SYSTEMS - MAINTENANCE
TEST DISTRIBUTION CONCEPTS FOR MEANINGFUL
MANAGEMENT INFORMATION.#
68 00436 U

WALKER, N. A.]
DIGITAL CONTROL CIRCUITRY FOR ELECTRONIC
BEAM STEERING AND SHAPING OF SLOT ANTENNAFIER
ARRAYS.#
68 00809 NAT U

WALKER, P.]
FACTORS AFFECTING THE ADHESION OF SURFACE
COATINGS TO ANODIZED ALUMINUM ALLOYS.#
69 00596 NAT U

WALL, A. C.]
PHOTOMETRIC CHARACTERISTICS OF U. S.
AIRPORT LIGHTS.#
68 00198 NAT U

WALL, V. H.]
MILITARY COMMUNICATION SATELLITES.#
68 01114 NAT U

WALLACE, R. E.]
THEORY AND APPLICATION.# VOLUME I.
68 01123 NAT U

WALLACE, T. J.]
INVESTIGATION AND ANALYSIS OF AIRCRAFT
FUEL PRODUCTION.#
68 00781 NAT U

WALLACE, W. H.]
THE DEMAND FOR AIRLINE TRAVEL.#
68 01114 NAT U

WALLACE, A. L.]
ELECTRONIC SYSTEMS DIVISION HANDBOOK FOR
SCIENTIFIC AND TECHNICAL INFORMATION
7/STINP/7.#
68 01094 NAT U

WALLACE, J. A.]
A STUDY OF THE INFLUENCE OF LUBRICANTS ON
HIGH-SPEED ROLLING-CONTACT BEARING
PERFORMANCE.#
68 01324 NAT U

WALSH, R. H.]
AN INVESTIGATION INTO THE PROBLEM OF VALVE
STRICTION ASSOCIATED WITH THE USE OF HIGH
TEMPERATURE HYDRAULIC FLUIDS.#
68 00603 NAT U

WALSH, T.]
ACCELERATED TESTING OF HIGH RELIABILITY
PARTS.#
68 00390 NAT U

WALTON, I. C.]
TWO-DIMENSIONAL TESTS OF AIRFOILS
OSCILLATING NEAR STALL. SUMMARY AND EVALUATION
OF RESULTS.# VOLUME I, FINAL TECHNICAL
REPORT.
68 01247 NAT U

WALTON, K. P.]
ANALYTICAL REVIEW OF MILITARY HELICOPTER
FLYING QUALITIES.# FINAL REPORT.
68 01321 NAT U

WARFIELD, K. H.]
EN ROUTE IFR AIR TRAFFIC RELATIONSHIPS.#
68 00459 R NAT U

WARNER ROBINS AIR MATERIEL AREA, ROBINS AFB, I
GA.]
TACAN RELIABILITY STUDY.# FINAL
ENGINEERING REPORT.
68 01324 NAT U

WARREN, C. H. E.]
THE PROPAGATION OF SONIC BANGS IN A
NONHOMOGENEOUS STILL ATMOSPHERE.# PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
68 01036 NAT U

WATEMAN, H. E.]
FAA DEVELOPMENTS RELATIVE TO DESIGN OF NEW
AIRCRAFT SYSTEMS.#
68 00430 U

WATERS, L. K.]
THE VALUE OF AN NROTC FLIGHT INDOCTRINATION
PROGRAM TO NAVAL AVIATION TRAINING.#
68 00937 NAT U

WATERS, L. K.]
EFFECTS OF PERCEIVED SCORING FORMULA ON
SOME ASPECTS OF TEST PERFORMANCE.#
68 00945 NAT U

WATERS, L. K.]
RELATIONSHIPS AMONG INVENTORIED SELF-RATED
AND PEER-RATED INTERPERSONAL VALUES.#
68 00949 NAT U

WATERS, L. K.]
STABILITY OF EDWARDS PERSONAL PREFERENCE
SCHEDULE NEW SCALE SCORES AND PROFILES OVER
A SEVEN-WEEK INTERVAL.#
68 01209 NAT U

WATERS, M. H. L.]
A BRIEF COMPARATIVE STUDY OF THE EFFECT OF
ADVANCES IN TECHNOLOGY ON THE PERFORMANCES
OF LAMINAR-FLOW AND CONVENTIONAL SUBSONIC
TRANSPORT AIRCRAFT.#
68 01304 NAT U

- WATERS, M. H. L. |
ADDITIONAL NOTES ON COST ASSUMPTIONS FOR
LAMINAR-FLOW AND CONVENTIONAL SUBSONIC
TRANSPORT AIRCRAFT. #
68 01306 NAT U
- WATKINS-JOHNSON CO., PALO ALTO, CALIF. |
H-10 CMZ LOW NOISE TWT AMPLIFIER. #
INTERIM REPORT/11 JANUARY TO 15 SEPTEMBER
1967. #
68 00895 NAT U
- WATKINS, K. H. |
APPROACHES TO THE MODAL SPLIT - INTERCITY
TRANSPORTATION. #
68 00340 NAT U
- WATKINS, S. |
VERTICAL SITUATION DISPLAY FOR
VTOL SIMULATOR. # FINAL REPORT /1 JULY 1966 -
14 FEBRUARY 1967. #
68 01489 NAT U
- WATSON, J. G. |
SPECTRUM SIGNATURE OF AN/APN-133 RADAR
ALTIMETER. # FINAL REPORT. #
68 00900 NAT U
- WATSON, K. |
RECOMMENDATIONS FOR ADP-RELATED
DEVELOPMENTS IN FIVE YEAR PLAN. # APPENDIX. #
68 01098 NAT U
- WAYNE STATE UNIV., DETROIT. |
STATISTICAL DEVELOPMENTS IN LIFE TESTING. #
68 00703 NAT U
- WAYNE STATE UNIV., DETROIT. |
THE EXPONENTIAL DISTRIBUTION AND ITS ROLE
IN LIFE TESTING. # TECHNICAL REPORT. #
68 00704 NAT U
- WEATHER BUREAU, ATLANTIC CITY. |
EVALUATION OF SEVERAL MULTI-TRANSMISSOMETER
SYSTEMS. # INTERIM REPORT. #
68 00827 NAT U
- WEATHER BUREAU, ATLANTIC CITY. |
DEVELOPMENT OF TRANSMISSOMETER CALIBRATION
TECHNIQUES AND DEVICES. # PHASE I, INTERIM
REPORT. #
68 01198 NAT U
- WEATHER BUREAU, SILVER SPRING, MD. |
EFFECTIVE USE OF GOVERNMENT AVIATION
WEATHER SERVICE. #
68 01289 NAT U
- WEATHER BUREAU, SUTLAND, MD. |
AN EVALUATION OF FORECASTS OF WIND,
TEMPERATURE AND TROPOPAUSE PRESSURE OBTAINED
BY NUMERICAL METHODS. # FINAL REPORT. #
68 01320 NAT U
- WEATHER BUREAU, WASHINGTON, D. C. |
RADAR AND THE FORECASTER. #
68 00988 NAT U
- WEATHER BUREAU, WASHINGTON, D. C. |
ANALYSIS OF THE SEVERE WEATHER FACTOR IN
AUTOMATIC CONTROL OF AIR ROUTE TRAFFIC. #
FINAL REPORT. #
68 01282 NAT U
- WEATHER BUREAU, WASHINGTON, D. C. |
OBJECTIVE ANALYSIS AND FORECASTING OF
CLEAR-AIR TURBULENCE. # FINAL REPORT. #
68 01290 NAT U
- WEATHERS, T. M. |
AEROSPACE FLUID COMPONENT DESIGNERS
HANDBOOK. # VOLUME I, REVISION B. #
68 00045 NAT U
- WEAVER, J. A. |
CALCULATION OF TIME-TEMPERATURE HISTORIES
AND PREDICTION OF INJURY TO SKIN EXPOSED TO
THERMAL RADIATION. # PHASE REPORT. #
68 00960 NAT U
- WEAVER, J. A. |
MATHEMATICAL MODEL OF SKIN EXPOSED TO
THERMAL RADIATION. # PHASE REPORT. #
68 00973 NAT U
- WEBB, G. |
RESULTS OF PHASE III, COMPONENT AND FULL
SCALE LIFT/NOISE FAN TEST. # VOLUME II. #
68 00163 NAT U
- WEBB, P., MD. |
SILICON SUBMERSION - A FEASIBILITY
STUDY. # PHASE REPORT. #
68 00964 NAT U
- WEBB, W. L. |
THE SUMMER OF ATMOSPHERIC
ELECTRIFICATION. #
68 00288 NAT U
- WEBER, J. D. |
DESIGN STUDY AND MODEL STRUCTURES TEST
PROGRAM TO IMPROVE FUSELAGE CRASHWORTHINESS. #
FINAL REPORT. #
68 00972 NAT U
- WEBER, K. E. |
STRESS COMPOSITION OF TITANIUM
ALLOYS UNDER SIMULATED SUPERSONIC FLIGHT
CONDITIONS. #
68 00300 NAT U
- WEBER, H. J. |
PROPULSION FOR HYPERSONIC TRANSPORT
AIRCRAFT. # PRESENTED AT FOURTH CONGRESS OF
THE INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964. #
68 01041 NAT U
- WEBSTER, S. L. |
RAIL RELIABILITY. # VOLUME II. #
68 00047 NAT U
- WECHSLER, A. L. |
THERMAL INSULATION SYSTEMS. #
A SURVEY. #
68 00093 NAT U
- WEIBERG, J. A. |
LARGE-SCALE WIND-TUNNEL TESTS OF AN AIRPLANE
MODEL WITH TWIN PROPELLERS AND ROTATING CYLINDER
FLAPS. #
68 00629 NAT U

AUTHOR INDEX

04/01* 1

WEINBERG, M. P. |
METALLURGICAL EVALUATION OF AIRCRAFT
EXHAUST SYSTEM COMPONENTS FAILED DURING
GROUND TEST PROGRAM. # FINAL REPORT.
68 01363 NAT U

WEINBERG, L. M. T. |
CRASH SURVIVAL DESIGN GUIDE. #
68 01250 NAT U

WEINGART, M. |
PARAMETRIC AMPLIFIERS FOR ELECTRONICALLY
STEERABLE RADAR SYSTEMS. # FINAL REPORT.
68 01494 NAT U

WEINGARTEN, L. O. |
AN AIRCRAFT COMPONENT INTENSIVE
MANAGEMENT SYSTEM /ACIMS/. #
68 00919 NAT U

WEINSTEIN, L. M. |
AERODYNAMIC HEATING IN THE VICINITY OF
LEADERS AT HYPERSONIC SPEEDS. #
68 00091 NAT U

WEIN, D. M. |
NEW APPROACHES TO HUMAN-PILOT/VEHICLE
DYNAMIC ANALYSIS. #
FINAL REPORT /MARCH 1966 TO JUNE 1967/.
68 01111 NAT U

WEIN, D. M. |
PILOT DYNAMIC RESPONSE TO SUDDEN FLIGHT
CONTROL SYSTEM FAILURES AND IMPLICATIONS
FOR DESIGN. #
68 01275 NAT U

WEISBUCH, G. S. |
STUDY TO DETERMINE THE FLIGHT PROFILE AND
MISSION OF THE CERTIFICATED PRIVATE PILOT. #
68 01354 NAT U

WEISS, M. O. |
AN ANALYSIS OF THE PERFORMANCE OF THE
THREE-STATION SPANNA NETWORK FOR DETECTING
AND TRACKING THUNDERSTORM ACTIVITY. #
68 01349 NAT U

WEISS, U. W. |
EVALUATION OF RELIABILITY PREDICTION
TECHNIQUES FOR ENTIRE FLIGHT CONTROL SYSTEMS. #
68 00743 NAT U

WEISS, V. |
AEROSPACE STRUCTURAL METALS HANDBOOK. #
VOLUME II.
68 00370 NAT U

WEISS, V. |
AEROSPACE STRUCTURAL METALS HANDBOOK. #
VOLUME I.
68 00340 NAT U

WEISS, V. |
AEROSPACE STRUCTURAL METALS HANDBOOK. #
68 00368 NAT U

WEISS, V. |
AEROSPACE STRUCTURAL METALS HANDBOOK. #
68 00369 NAT U

WEISS, V. |
AEROSPACE STRUCTURAL METALS HANDBOOK. #
68 00370 NAT U

WEISS, V. |
AEROSPACE STRUCTURAL METALS HANDBOOK. #
68 00371 NAT U

WEISSKOPF, M. M. |
A STUDY INTO THE ORIGINS AND NATURE OF
PERFORMANCE AND PROGRAM BUDGETING. #
68 00295 NAT U

WELLS, R. J. |
MODEL FREQU COMPRESSOR ACOUSTICAL STUDIES. #
TECHNICAL REPORT.
68 00571 NAT U

WENDLAND, G. E. |
NO-BREAK POWER SYSTEMS,
OPERATIONAL AND COST ANALYSIS. # PART II.
68 00222 NAT U

WENDLAND, G. E. |
FIXED GROUND POWER IN SUPPORT OF
COMMUNICATIONS AND ELECTRONIC EQUIPMENT. #
68 00286 NAT U

WENZEL, G. E. |
AN INTEGRATED-CIRCUIT DIRECT-COUPLED
AMPLIFIER FOR SPACECRAFT USE. #
68 01431 NAT U

WERTZ, J. B. |
RESEARCH AND INVESTIGATION OF ANALYTICAL
TECHNIQUES FOR PREDICTING RELIABILITY OF
FLIGHT CONTROL SYSTEMS AND COMPONENTS. #
68 00617 NAT U

WEST, T. C., MAJ. |
TRI-SERVICE EVALUATION OF THE CANADAIR
CL-84 TILT-WING V/STOL AIRCRAFT. #
68 00136 NAT U

WESTERN CO. OF NORTH AMERICA, RESEARCH DIV.,
RICHARDSON, TEX. |
INVESTIGATION OF HYDRAULIC POWER
TRANSMISSION SYSTEMS FOR V/STOL
AIRCRAFT. #
68 00334 NAT U

WESTERN CO. RESEARCH DIV., RICHARDSON, TEX. |
IMPLICATIONS OF THE GELLED STATE OF
MATTER FOR NAVAL APPLICATIONS. #
FINAL REPORT, FEBRUARY 1968.
68 00916 NAT U

WESTINGHOUSE DEFENSE AND SPACE CENTER, |
BALTIMORE. |
TACTICAL INSTRUMENT LANDING SYSTEM STUDY. #
68 01311 NAT U

WESTINGHOUSE ELECTRIC CORP., BALTIMORE. |
SOLID STATE HF LINEAR AMPLIFIER. #
FINAL REPORT.
68 00135 NAT U

WESTLAND AIRCRAFT, LTD. |
THE CHEMICAL COATING OF 18 PER CENT
NICKEL MARAGING STEEL SHEET. #
68 00056 NAT U

WESTLAND AIRCRAFT, LTD., LONDON. I
INVESTIGATION INTO THE USE OF REINFORCED
PLASTICS IN THE HESSEX HELICOPTER TO PREVENT
CORROSION.0
68 00415 U

WHATCUTT, V. C. I
THERMODYNAMICS FLIGHT TEST INSTRUMENTATION
FOR THE MODEL X8-70 AIR VEHICLE.0 NUMBER 11.
68 01169 NAT U

WHEATLEY, G. F., LCDR. I
EVALUATION OF THE SPIN CHARACTERISTICS
OF THE T-28 AIRPLANE.0 FINAL REPORT.
68 00684 NAT U

WHEELER, L. J. M. I
AN INVESTIGATION INTO THE PROBLEM OF VALVE
STRICTION ASSOCIATED WITH THE USE OF HIGH
TEMPERATURE HYDRAULIC FLUIDS.0
68 00603 NAT U

WHERRY, M. J., JR. I
THE K-COEFFICIENT, A PERSON-TYPE
SUBSTITUTE FOR THE CONTINGENCY COEFFICIENT.0
68 00926 NAT U

WHERRY, M. J., JR. I
CONSTITUTIONAL AND ENVIRONMENTAL FACTORS
RELATED TO SERUM LIPID AND LIPOPROTEIN
LEVELS.0
68 00940 NAT U

WHISTLER, P. M. I
SYSTEMS ANALYSIS AND MECHANIZATION
STUDIES.0 APPENDIX I, FINAL TECHNICAL REPORT.
68 00902 NAT U

WHISTLER, P. M. I
CONTROLS AND DISPLAYS ANALYSES.0
APPENDIX II.
68 00903 NAT U

WHISTLER, P. M. I
SYSTEMS EFFECTIVENESS REPORT.0
APPENDIX III
68 00904 NAT U

WHISTLER, W. T. I
ARRAY BEAM SWITCHING STUDY.0 FINAL REPORT
/SEPTEMBER 1967.
68 01063 NAT U

WHITAKER, E. G. I
MICROCIRCUIT COMPUTERS FOR FIRE AND
OVERHEAT DETECTION IN MANEUVER FLIGHT VEHICLES.0
68 00586 NAT U

WHITCOMB, D. W. I
THE INFLUENCE OF AERODYNAMIC
FORCE ON THE CRITICAL SPEED OF
AUTOMOBILES.0
68 00265 NAT U

WHITE, H. L. I
CATEGORY II CLIMATIC LABORATORY TEST OF THE
CH-54 HELICOPTER.0
68 00455 NAT U

WHITE, J. M., JR. I
AN ANALYSIS OF ANA PROCUREMENT TRANSACTIONS
UNDER \$10,000 FOR MANAGEMENT IMPROVEMENT.0
THESIS.
68 00887 NAT U

WHITE, M. D. I
PROPOSED ANALYTICAL MODEL FOR THE FINAL
STAGES OF LANDING A TRANSPORT AIRPLANE.0
68 01086 NAT U

WHITEHEAD, M. E. I
ADDITIVES FOR HIGH TEMPERATURE
HYDRAULIC FLUIDS.0
TECHNICAL REPORT /15 NOVEMBER 1966 TO
15 NOVEMBER 1967.
68 00910 NAT U

WHITESIDE, T. C. D., W/CDR. I
PROBLEMS OF VISION IN LOW LEVEL FLIGHT.0
68 00493 NAT U

WHITESON, B. V. I
ELECTRON FRACTOGRAPHY HANDBOOK SPECIFIC
APPLICATIONS OF ELECTRON FRACTOGRAPHY.0
68 00600 NAT U

WHITLOW, J. B., JR. I
AIRPLANE SIZE AND STAGING EFFECTS ON SST
CRUISE SONIC NOISE.0
68 01272 NAT U

WHITTAKER CORP. NARMCO RESEARCH AND
DEVELOPMENT DIV., SAN DIEGO, CALIF. I
INVESTIGATION OF MICROMECHANICAL BEHAVIOR
OF FIBER REINFORCED PLASTICS.0 FINAL REPORT
/14 JUNE 1966 TO 14 MARCH 1967.
68 01122 NAT U

WHITTAKER CORP. NARMCO RESEARCH AND
DEVELOPMENT DIV., SAN DIEGO, CALIF. I
FIBRECELL OVERHEAT HAZARD DETECTION
SYSTEM.0 FINAL TECHNICAL REPORT /MARCH 1967
TO FEBRUARY 1968.
68 01216 NAT U

WHITTAKER, J. L. I
SELF TEST AUTOMATIC SELF CALIBRATE AND
INTEGRITY MONITOR AS APPLIED TO AVIONIC
EQUIPMENT.0
68 00429 U

WHITLEY, D. C. I
THE AUGMENTON-WING, A NEW MEANS OF ENGINE
AIRFRAME INTEGRATION FOR STOJ AIRCRAFT.0
PRESENTED AT FOURTH CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE AERONAUTICAL
SCIENCES, PARIS, FRANCE, AUGUST 24-28, 1964.
68 01048 NAT U

WHITMAN, M. C. I
EVALUATION OF FLAME ARRESTOR MATERIALS
FOR AIRCRAFT FUEL SYSTEMS.0
TECHNICAL REPORT.
68 00913 NAT U

WHIDON, B. I
ADAPTIVE ANTENNA SYSTEMS.0
68 00812 NAT U

WIERENGA, B. J. I
INTEGRATION OF HIGH CONTRAST SOLID-STATE
DISPLAYS AND ADVANCED CONTROL CIRCUITRY. #
FINAL TECHNICAL REPORT /MARCH 1966 TO MAY
1967/.
68 01265 NAT U

WIGGINS, J. M. I
THEORETICAL STUDY OF STRUCTURAL RESPONSE TO
NEAR-FIELD AND FAR-FIELD SONIC BOOMS. #
68 00589 NAT U

WIGHTMAN, C. M. I
GUIDANCE CONCEPTS FOR THE TACTICAL
INSTRUMENT LANDING SYSTEM /TACLAND/. #
68 01330 NAT U

WIGWOT, J. E. I
THE DEVELOPMENT OF DYNAMIC TAXI DESIGN
PROCEDURES. # FINAL REPORT.
68 01295 R NAT U

WILBY, J. F. I
BOUNDARY LAYER PRESSURE FLUCTUATIONS
AND STRUCTURAL RESPONSE. #
68 00382 NAT U

WILBY, J. F. I
THE RESPONSE OF SIMPLE PANELS TO
TURBULENT BOUNDARY LAYER EXCITATION. #
68 00383 NAT U

WILLIAMS, W. M. I
TRANSIENT AND STEADY STATE ANALYSIS OF
INVERTER SUPPLIED INDUCTION MOTORS. #
TECHNICAL REPORT.
68 01400 NAT U

WILLCOX ELECTRIC CO., INC., KANSAS CITY, MO. I
DEVELOPMENT OF AIRLINE-TYPE PRECISION VOR
RECEIVER SYSTEM, PVOR /P/. # FINAL REPORT.
68 00435 U

WILLCOX ELECTRIC CO., INC., KANSAS CITY, MO. I
INVESTIGATION AND DEVELOPMENT OF
MODIFICATIONS TO RESOLVE AIRBORNE/GROUND
GLIDEPATH TRACKING PROBLEMS. #
68 00482 NAT U

WILLCOX ELECTRIC CO., INC., KANSAS CITY, MO. I
DEVELOPMENT OF LOCALIZER AND GLIDE SLOPE
CLEARANCE TRANSMITTERS. # FINAL REPORT.
68 01238 R NAT U

WILLCOX, P. M. I
DYNAMIC RESPONSE OF A FAMILY OF
ASYMMETRIC HANNENHEAD MODELS TO UNSTEADY
AERODYNAMIC LOADING. #
68 01424 NAT U

WILFETT, F. M. JR. I
DEVELOPMENT AND APPLICATION OF A TERMINAL
SPACING SYSTEM. # FINAL REPORT.
68 01197 R NAT U

WILLIAMS, M. F. I
INTERIM REPORT OF PRECIPITATION
EFFECTS ON OMEGA AIRCRAFT RECEIVERS. #
68 00253 NAT U

WILLIAMS, T. C. I
BAT COLLISIONS WITH HIGH PERFORMANCE
AIRCRAFT. #
68 00522 NAT U

WILLIAMSON, R. E. I
DEVELOPMENT OF AN ENGINE-POWERED, PORTED
DISPENSAL SYSTEM FOR AGRICULTURAL AIRCRAFT. #
68 01193 R NAT U

WILSON, D. A. I
EFFECT OF EXTREME CONDITIONS ON THE
BEHAVIOR OF LUBRICANTS AND FLUIDS. #
68 00620 NAT U

WILSON, G. P. I
AERIAL STRUCTURE NOISE AND VIBRATION
MEASUREMENTS. #
68 00654 NAT U

WILSON, IMRIG AND ASSOCIATES, INC., BERKELEY, CA. I
AERIAL STRUCTURE NOISE AND VIBRATION
MEASUREMENTS. #
68 00654 NAT U

WILSON, J. I
EVALUATION OF THE ATLANTIC CITY MESONET
FOR SHORT RANGE PREDICTION OF AVIATION
TERMINAL WEATHER. # FINAL REPORT.
68 01353 R NAT U

WILSON, J. J. I
THE OMEGA DIGITAL PHASE SHIFTER. #
68 00157 NAT U

WILSON, J. M. I
DYNAMIC RESPONSE OF THE XC-142A TILT-WING
V/STOL AIRCRAFT TO IN-FLIGHT CARGO DELIVERY
AT SLOW SPEEDS. #
68 01252 NAT U

WILSON, R. S. I
RELIABILITY PREDICTIONS FROM AN
ART TO A SCIENCE. #
68 00351 NAT U

WILSON, P. B., JR. I
FABRICATION AND TESTING OF AN ACTIVE
ELECTROSTATIC DISCHARGER SYSTEM FOR THE
CH-47 HELICOPTER. #
68 00780 NAT U

WILSON, T. R. I
ELECTRICAL BONDING AND OTHER FACTORS
AFFECTING AIRPLANE EXPLOSION HAZARDS. #
68 00396 NAT U

WINGERT, J. M. I
EXPERIMENTAL EVALUATION OF A FORMATION
FLIGHT SYSTEM. #
68 01440 NAT U

WINICK, A. S. I
AN FAA VIEW OF SST NAVIGATION SYSTEM
REQUIREMENTS. # PRESENTED AT THE 20TH ANNUAL
NATIONAL MEETING OF THE INSTITUTE OF NAVIGATION
15-17 JUNE 1964, NEW YORK. #
68 00642 NAT U

WINNER, D. C., LT. COL., USAF. I
CLIMATOLOGICAL ESTIMATES OF CLOCK-HOUR
RAINFALL RATES. #
68 01377 NAT U

WINNER, R. N. |
DEVELOPMENT OF THREE IMPROVED PRIMARY
FLIGHT CONTROLLED DESIGNS. # FINAL TECHNICAL
REPORT/DRAFT. 1 MAY 1967 - 1 MAY 1968.
68 01488 NAT U

WINSTON, M. M. |
AN INVESTIGATION OF EXTREMELY FLEXIBLE
LIFTING ROTORS. #
68 00816 NAT U

WINTER, C. F. |
A LIMITED SCAN ANTENNA. #
68 00541 NAT U

WINTHLEN, L. S. |
MEASUREMENT OF LEFT CIRCUMPLEX CORONARY
FLOW, CARDIAC OUTPUT, AND CENTRAL AORTIC
PRESSURE IN THE UNMEDICATED GREYHOUND DOG. #
64 00924 NAT U

WISL, K. |
AIR TRAFFIC CONTROL RADAR BEACON SYSTEM
(ATCRBS) MODE 3/A IDENTITY REPLY AND
EQUIVALENT MODE C ALTITUDE CODE. # TECHNICAL
REPORT.
68 00787 R NAT U

WISPMAN, G. G. |
INVESTIGATION OF ELECTROCALORIC EFFECTS IN
FERROELECTRIC SUBSTANCES. #
68 01418 NAT U

WITHINGTON, C. F. |
GEOLOGIC SKETCH OF THE PROPOSED
NORTHEAST CORRIDOR HIGH-SPEED GROUND
TRANSPORT SYSTEM. #
68 00149 NAT U

WITTINGHAM, R. A. |
ROTARY HYDRAULIC ARRESTER GEAR MK. I TESTS
TO INVESTIGATE THE EFFECT OF INSTALLING A GEAR
WITH A SPILL DISTANCE OF 250 FEET. #
68 01407 NAT U

WOMEL, R. |
NOTES ON TRANSIENT FUELING BEHAVIOR
CAPACITY RESIDUAL FUNCTIONS AND THEIR
RELATIONSHIP TO TRAVEL FORECASTING. #
68 00651 NAT U

WUJICKI, S. |
PULSEJET, JET AND ROCKET ENGINES. #
68 00537 NAT U

WOLF, J. D. |
DISPLAY REQUIREMENTS STUDY FOR HELICOPTER
INFORMATION FLIGHT. #
68 00575 NAT U

WOLFF, M. F. |
ACCURATE MEASUREMENT OF AIRFLOW RATE
DURING TESTS OF AIR-BREATHING PROPELLION
SYSTEMS. #
63 00615 NAT U

WOLKOVITCH, J. |
OPTIMIZATION OF LINEAR AND NONLINEAR
SYSTEMS BY MINIMIZATION OF AUXILIARY
EFFORT. # FINAL REPORT.
68 01117 NAT U

WOLKOVITCH, J. |
NEW APPROACHES TO HUMAN-PILOT/VEHICLE
DYNAMIC ANALYSIS. #
FINAL REPORT /MARCH 1966 TO JUNE 1967/.
68 01111 NAT U

WOLWICZ, C. M. |
PRELIMINARY FLIGHT EVALUATION OF THE
STABILITY AND CONTROL DERIVATIVES AND DYNAMIC
CHARACTERISTICS OF THE UNARMED XE-70-1
AIRPLANE INCLUDING COMPARISONS WITH
PREDICTIONS. #
68 01435 NAT U

WOOD, C. M. |
SOLID STATE HF LINEAR AMPLIFIER. #
FINAL REPORT.
68 00135 NAT U

WOOD, D. N. |
NON-DESTRUCTIVE INSPECTION OF ERB-11 FUEL-
JACKET TUBING USING ELECTROMAGNETIC TECHNIQUES

68 00781 NAT U

WOOD, J. |
STUDY OF HIGH PACKING DENSITY AND
HIGH TRANSFER RATE ENCODER/DECODER. #
68 00142 NAT U

WOOD, R. A. |
HUMAN FACTORS PREDICTION VALIDATION. #
FINAL REPORT.
68 00341 NAT U

WOOD, R. A. |
AIRCRAFT DESIGNERS HANDBOOK FOR TITANIUM
AND TITANIUM ALLOYS. #
68 00733 NAT U

WOOD, W. A. |
NOTE ON FATIGUE MECHANISM IN FCC METALS
AT ULTRASONIC FREQUENCIES. # TECHNICAL REPORT.
68 01215 NAT U

WOOD, W. R. |
MEASUREMENTS OF LIGHTNING STRIKES TO
AIRCRAFT. #
68 00834 NAT U

WOODSON, F. B. |
TECHNICAL EVALUATION OF EIDOPHOR. #
FINAL REPORT.
68 00822 NAT U

WOODWARD, M. W. |
A 100 MH 2-25 MC/S DISTRIBUTED
AMPLIFIER, DESIGNED FOR USE WITH 10 MC
IONOSPHERIC SOUNDERS. #
68 00238 NAT U

WOODWARD, M. W. |
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR OMEGA. #
68 01199 R NAT U

WOODWARD, R. M. |
VLF AIRBORNE SYSTEM NOISE AND ANTENNA STUDY
AND STUDY OF LANE IDENTIFICATION FOR
OMEGA. # VOLUME 1, FINAL REPORT.
68 01355 R NAT U

AUTHOR INDEX

05/01/68

WOOTTON, W. C. |
TEST OF O1 AIRCRAFT BRAKE ASSEMBLY, P/N
9530839 UNDER WET AND DRY LINDING CONDITIONS.#
68 00007 NAT U

MURGAN, A. P. |
MEASUREMENT OF THE MOTION OF PARKED AIRCRAFT
BY A PHOTOGRAPHIC METHOD.#
68 00606 NAT U

MURKS, G. A. |
SYSTEMS ANALYSIS AND ADDITIONAL
INSTRUMENTATION FOR MODIFIED PORCUPINE C-BAND
PULSE DOPPLER RADAR.#
68 00776 NAT U

MURKELING, H. H. |
ELIMINATING RADAR AMBIGUITIES BY PROCESSING
STAGGERED PULSE TRAINS OR SPECTRA.#
68 01109 NAT U

MUZNIAR, D. |
AN/AY-4 LORAN-C HYPERBOLIC COORDINATE
CONVERTER SET.# FINAL REPORT.
68 01509 NAT U

MUZNIAR, D. |
AN/AY-4 LORAN-C HYPERBOLIC COORDINATE
CONVERTER SET.# FINAL REPORT.
68 00570 NAT U

WRIGHT AIR DEVELOPMENT CENTER, ELECTRONIC |
COMPONENTS LAB., WRIGHT-PATTERSON AFB, OHIO. |
MICROWAVE SOLID-STATE DEVICES AND
CIRCUITS.#
68 00787 NAT U

WRIGHT AIR DEVELOPMENT CENTER, |
WRIGHT-PATTERSON AFB, OHIO. |
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
68 00542 NAT U

WRIGHT AIR DEVELOPMENT CENTER, |
WRIGHT-PATTERSON AFB, OHIO. |
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
68 00543 NAT U

WRIGHT AIR DEVELOPMENT CENTER, |
WRIGHT-PATTERSON AFB, OHIO. |
RESEARCH ON THE FLAMMABILITY CHARACTERISTIC
OF AIRCRAFT FUELS.#
68 00625 NAT U

WRIGHT AIR DEVELOPMENT CENTER, |
WRIGHT-PATTERSON AFB, OHIO. |
RATES OF CLEAVAGE AND DEFORMATION TWINKING
IN METALS.#
68 00671 NAT U

WRIGHT, J. |
AIRCRAFT PRELIMINARY DESIGN REPORT
V/STOL JET OPERATIONS RESEARCH AIRPLANE
DESIGN STUDY-SECTIONS I TO V.# PART I.
68 00399 NAT U

WRIGHT, R. H. |
TEST SECTIONS FOR SMALL THEORETICAL WIND-
TUNNEL-BOUNDARY INTERFERENCE ON V/STOL
MODELS.#
68 01412 NAT U

WRIGHT, R. M. |
NEW DEVELOPMENTS IN AUTOMATIC TEST
AND CHECKOUT EQUIPMENT.#
68 00428 U

WUEST, W. |
FLIGHT TESTS AND WIND-TUNNEL.# PRESENTED
AT FOURTH CONGRESS OF THE INTERNATIONAL
COUNCIL OF THE AERONAUTICAL SCIENCES, PARIS,
FRANCE, AUGUST 24-28, 1964.
68 01042 NAT U

WYATT, L. A. |
LOW-SPEED MEASUREMENTS OF SKIN-FRICTION ON
A LARGE HALF-MODEL SLENDER WING.#
68 00485 NAT U

WYATT, L. A. |
SUMMARY OF LOW-SPEED WIND-TUNNEL TESTS OF A
WING FITTED WITH MULTIPLE LIFTING FANS.#
68 01402 NAT U

WYETH, H. W. G. |
INVESTIGATION INTO A FULL TANK
EXPLOSION ORIGINALLY G-ARMA.#
68 00001 U

WYLE L. B. RESEARCH STAFF, HUNTSVILLE, ALA. |
SUBJECTIVE EVALUATION OF GENERAL AVIATION
AIRCRAFT NOISE.# TECHNICAL REPORT.
68 01356 NAT U

WYLE LABS., HUNTSVILLE, ALA. |
ON THE PREDICTION OF THE WEAK FIELD NOISE
OF SUPERSONIC JETS.#
68 00492 NAT U

YAGER, L. J. |
REVIEW OF CAUSES AND ALLEVIATION OF LOW
TIRE TRACTION ON WET RUNWAYS.#
68 00817 NAT U

YAGER, L. J. |
EFFECTS OF PAVEMENT TEXTURE ON WET-RUNWAY
BRAKING PERFORMANCE.#
68 00760 NAT U

YALOF, S. |
FIBERCELL OVERHEAT HAZARD DETECTION
SYSTEM.# FINAL TECHNICAL REPORT /MARCH 1967
TO FEBRUARY 1968/.
68 01216 NAT U

YAMAMOTO, T. G. |
APPLICATION OF LINEAR OPTIMAL THEORY TO
CONTROL OF FLEXIBLE AIRCRAFT PIDE QUALITIES.#
68 00673 NAT U

YATES, E. C., JR. |
SUBSONIC AND SUPERSONIC FLUTTER
ANALYSIS OF A HIGHLY TAPERED
SWEEP-WING PLANFORM, INCLUDING EFFECTS OF
DENSITY VARIATION AND FINITE WING THICKNESS,
AND COMPARISON WITH EXPERIMENT.#
68 00099 NAT U

YATES, E. C., JR. |
SUBSONIC AND TRANSONIC FLUTTER AND FLOW
INVESTIGATIONS OF THE T-TAIL OF A LARGE
MULTIJET CARGO AIRPLANE.#
68 00763 NAT U

- YURE, E. E. I
OPTIMAL DECOUPLING CONTROL APPLIED
TO THE LATERAL-DIRECTIONAL AXES OF A SWEEP
WING AIRCRAFT. # PART II.
68 00857 NAT U
- YUAK, E. I
HUMAN ACCELERATION EXPERIENCE AT THE
AEROSPACE MEDICAL RESEARCH DEPARTMENT,
U.S. NAVAL AIR DEVELOPMENT CENTER-JOHNSVILLE -
1 JANUARY 1961-30 DECEMBER 1965. #
68 00476 NAT U
- YURK, M. W. LT. I
TRANSUNIL FAN FOR AIRCRAFT AIR-CONDITIONING
UNIT. # THESIS.
68 00921 NAT U
- YOUNG, A. D. I
THE CHANGING PATTERN OF AERONAUTICAL
ENGINEERING EDUCATION. # PRESENTED AT FOURTH
CONGRESS IN THE INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES, PARIS, FRANCE, AUGUST
24-28, 1964.
68 01038 NAT U
- YOUNG, D. W. I
RESEARCH STUDY OF AN AIRCRAFT-CONTAINED
RADAR ZERO-ZERO LANDING SYSTEM. # VOLUME I.
FINAL REPORT.
68 00819 NAT U
- YOUNG, G. D. I
STUDY OF APPLICATION OF ANTENNA
OPTIMIZATION TECHNIQUES. #
68 00387 NAT U
- YOUNG, M. J. I
CHANGING MAINTENANCE CONCEPTS IN THE
JET AGE. #
68 00617 U
- YOUNG, J. W. I
A FUNCTIONAL COMPARISON DECOMPRESSION
OF BASIC RESTRAINT SYSTEMS I AIRCRAFT. #
68 00251 NAT U
- YURKOWSKY, W. I
ACCELERATED TESTING TECHNOLOGY. # VOLUME I.
FINAL REPORT /FEBRUARY 1966 TO JULY 1967/.
68 01065 NAT U
- YURKOWSKY, W. I
ACCELERATED TESTING TECHNOLOGY. #
VOLUME II, FINAL REPORT /FEBRUARY 1966 JULY
1967/.
68 01067 NAT U
- ZABELAKIS, M. G. I
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS. #
68 00542 NAT U
- ZABELAKIS, M. G. I
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS. #
68 00543 NAT U
- ZABELAKIS, M. G. I
RESEARCH ON THE FLAMMABILITY CHARACTERISTIC
OF AIRCRAFT FUELS. #
68 00625 NAT U
- ZALOGA, B. D. I
METHOD OF APPRAISING THERMAL STABILITY
OF FUELS UNDER DYNAMIC CONDITIONS. #
TRANSLATED FROM RUSSIAN.
68 01135 NAT U
- ZALOVCIK, J. A. I
EFFECT OF THRUST AND ALTITUDE IN STEEP
APPROACHES ON GROUND TRACK NOISE. #
68 00250 NAT U
- ZALOVCIK, J. A. I
GROUND DECELERATION AND STOPPING OF
LARGE AIRCRAFT. #
68 00474 NAT U
- ZEGEN, A. E. I
AIRBORNE PHASED ARRAY TECHNIQUES. #
FINAL REPORT.
68 00218 NAT U
- ZELAZUNSKI, W. I
AUTOMATION AND CYBERNETICS IN THE
MODERN ARMY. # CHAPTER FOUR. TRANSLATION
FROM RUSSIAN.
68 00122 NAT U
- ZELTNER, M. I
PRECISION VOR PVOA /W/ MONITOR HANDBOOK. #
VOLUME III.
68 00611 NAT U
- ZERKLE, M. G. I
DEVELOPMENT AND TEST OF THE ENGINE ANALYZER
SYSTEM. #
68 00730 NAT U
- ZEVE, M. I
OCEANBURN SHIPING - DEMAND AND TECHNOLOGY
FORECASTS. # FINAL REPORT.
68 01325 NAT U
- ZLETZ, A. I
HIGH TEMPERATURE THERMALLY STABLE
GREASES. # ANNUAL REPORT /1 FEBRUARY 1967 TO
1 FEBRUARY 1968/.
68 01210 NAT U
- ZURBRICK, J. R. I
DEVELOPMENT OF NONDESTRUCTIVE TESTS FOR
QUANTITATIVELY EVALUATING GLASS FABRIC
REINFORCED LAMINATES. # SUMMARY TECHNICAL
REPORT /JUNE 1966 TO JUNE 1967/.
68 00897 NAT U